

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

CE/CON acting for and on behalf of The President of India invites E-Tenders against Tender No **4643-GRC-CE-C-SO-26-2026** Closing Date/Time 07/07/2026 12:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

1. NIT HEADER

Name of Work	Execution of Chakulia Yard Modification including Foot Over Bridge, Minor Bridges, Service Building etc. and other miscellaneous works under jurisdiction of Dy CE/Con/II/Kharagpur, S. E. Railway.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Two Packet System
Tender Closing Date Time	07/07/2026 12:00	Date Time Of Uploading Tender	11/06/2026 11:24
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	416067410.69	Tendering Section	CE/CON/S
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	8321400.00	Validity of Offer (Days)	90
Tender Doc. Cost (Rs.)	0.00	Period of Completion	18 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	23/06/2026		
Are JV allowed to bid	Yes	Number of JV Member Allowed	3
Are Consortium allowed to bid	No	Number of Consortium Member Allowed	0
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () A-Execution of all work as per schedule							51381162.50	Above/ Below/Par
1	Please see Item Breakup for details.				42914192.35	19.73	51381162.50	
	Description:- Earthwork under SERUSSOR-2021							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () B-Execution of all work as per schedule							72154619.39	Above/ Below/Par
2	Please see Item Breakup for details.				67327255.19	7.17	72154619.39	
	Description:- Bridge Works - Substructure, Bridge Works - Super Structure (RCC), Bridge Works - Super Structure (Steel), Bridge Works - Miscellaneous under SERUSSOR-2021							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () C-Execution of all work as per schedule							33555654.68	Above/ Below/Par
3	Please see Item Breakup for details.				31507656.98	6.50	33555654.68	
	Description:- Rails, Sleepers and Fittings Renewal, Turnouts and Renewals, Welding Activities, Reconditioning of Points and Crossings, Formation Rehabilitation, Activities at Construction Sites, Maintenance Activities, Testing of Rails and other Components, Heavy Track Machines, Small Track Machines, Handling of Materials, Level Crossings, Bridge Related Activities, Supply of P.Way Materials, Miscellaneous Items under SERUSSOR-2021							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

Schedule () D-Execution of all work as per schedule							54182461.74	Above/ Below/Par
4	Please see Item Breakup for details.				43149209.00	25.57	54182461.74	
	Description:- Deep Screening and Ballast Related Activities under SERUSSOR-2021							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () E-Execution of all work as per schedule							167029722.78	Above/ Below/Par
5	Please see Item Breakup for details.				145243237.20	15.00	167029722.78	
	Description:- Building, Road, Drain etc. under DSR-2023							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () F-Execution of all work as per schedule							11995246.43	Above/ Below/Par
6	Please see Item Breakup for details.				11995246.43	AT Par	11995246.43	
	Description:- Misc. Work							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () G-Execution of all work as per schedule							760466.37	Above/ Below/Par
7	Please see Item Breakup for details.				760466.37	AT Par	760466.37	
	Description:- Design & Drawing							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () H-Execution of all work as per schedule							191387.75	Above/ Below/Par
8	Please see Item Breakup for details.				191387.75	0.00	191387.75	
	Description:- Horticulture & Landscaping under DSR HORTICULTURE-2020							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () I-Execution of all work as per schedule							5680760.00	Above/ Below/Par
9	Please see Item Breakup for details.				5680760.00	AT Par	5680760.00	
	Description:- Supply of General Services Items							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () J-Execution of all work as per schedule							5755242.30	Above/ Below/Par
10	Please see Item Breakup for details.				5755242.30	AT Par	5755242.30	
	Description:- Erection of General Services Items							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () K-Execution of all work as per schedule							3770000.00	Above/ Below/Par
11	Please see Item Breakup for details.				3770000.00	AT Par	3770000.00	
	Description:- Earthwork and Foundation for OHE							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

Schedule () L-Execution of all work as per schedule							6091415.00	Above/ Below/Par
12	Please see Item Breakup for details.				6091415.00	AT Par	6091415.00	
	Description:- S&T Execution items							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () M-Execution of all work as per schedule							775550.00	Above/ Below/Par
13	Please see Item Breakup for details.				775550.00	AT Par	775550.00	
	Description:- S&T Micro Tunneling items							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () N-Execution of all work as per schedule							1439932.25	Above/ Below/Par
14	Please see Item Breakup for details.				1439932.25	AT Par	1439932.25	
	Description:- S&T Non Schedule items							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () O-Execution of all work as per schedule							1207472.00	Above/ Below/Par
15	Please see Item Breakup for details.				1207472.00	AT Par	1207472.00	
	Description:- S&T Supply items							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () P-Execution of all work as per schedule							96317.50	Above/ Below/Par
16	Please see Item Breakup for details.				96317.50	AT Par	96317.50	
	Description:- S&T Non schedule Supply items							

3. ITEM BREAKUP

Schedule	Schedule A-Execution of all work as per schedule						
Item- 1	Earthwork under SERUSSOR-2021						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Earthwork in filling in embankment, guide bunds, around buried type abutments, bridge gaps, trolley refuges, platforms etc. with contractor's own earth conforming to Soil Quality Class SQ1/SQ2/SQ3, after preparation of foundations as applicable, benching in existing banks wherever required, spreading in layers with motor grader, bringing the moisture content to OMC, mechanical compaction to specified density and dressing of bank to final profile as per RDSO Specifications: RDSO/2020/GE: IRS-0004 with latest correction slips. Note: 1) Foundation preparation, Benching including additional earthwork on account of this, wherever required, shall be paid extra under relevant schedule item for benching. 2) Payment for Earthwork under this item shall be made based on the cross section measurements calculated (i) with original ground profile of existing bank based on initial ground levels before doing benching and (ii) final profile of the bank worked out with final levels as per prevailing guidelines.				
1	011032	Using Soil Class SQ2	cum	24000.00	253.42	6082080.00
2	011033	Using Soil Class SQ3	cum	6000.00	278.97	1673820.00
		Earthwork in cutting in formation, trolley refuges, side drains, level crossing approaches, platforms, catch water drains, diversion of nallah & finishing to required dimension and slopes to obtain a neat appearance to standard profile inclusive of all labour, materials, plant & machinery, leading all cut spoils either to make spoil dumps or for filling in embankment with leads within 2 km on either side of edge of the cutting(s) including all lifts, ascent, descent, loading, unloading, bailing & pumping out water, if required, clearance of site and all other works incidental thereto for completing the work as per RDSO Specification No. RDSO/2020/GE: IRS-0004 with latest updated correction slips and to the satisfaction of the Engineer-in-Charge. Note: (i) All usable earth arising from cut spoils shall be led into bank formation and Unusable spoils shall be dumped / stacked away from toe of embankment. (ii) All hard rock /and boulders not fit for filling will be stacked by the contractor and will be property of the Railways. (iii) Cut trees shall be property of Railways and to be deposited in the railway godown unless specified otherwise in the Conditions of Contract.				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

3	012011	In all conditions and classifications of soil except rock	cum	14000.00	106.59	1492260.00
4	012012	Soft rock not requiring blasting	cum	650.00	252.66	164229.00
5	012013	In hard rock requiring blasting	cum	400.00	373.69	149476.00
6	012014	In hard rock with hammer / chisel / pavement breaker etc. where blasting is not permitted due to special circumstances and if specifically ordered in writing including drilling and all incidental works thereto.	cum	700.00	958.20	670740.00
7	012015	Extra for leading of Cut spoil every one km beyond original lead of 2 km over item nos. 012011 to 012014	cum	45.00	5.38	242.10
8	012030	Mechanical manufacturing of blanketing material by using only hard and durable stone crushed in mechanical crusher to different gradations, wet mixing of the same in designed proportion in Pug mill or wet mix plant to have uniform gradation including all incidental transportation, laying over finished formation in uniform layer(s) with motor grader, compaction with suitable vibratory roller to specified density and finishing to correct profile, complete as per RDSO Specification No. RDSO/2020/GE: IRS-0004 with latest correction slips. Note: This item shall be used only when entire constituent of blanketing material is mechanically manufactured by crushing of hard and durable stone into desired gradation of designed proportion.	cum	13650.00	1757.35	23987827.50
		Felling trees of girth (measured at a height of 1.0 m above ground level) including leading and stacking of material within 100m. Note : 1. When stumps are grubbed up in addition, the rates shall be doubled for trees cut and grubbed 2. Payment for grubbing shall only be made where specially ordered. 3. Grubbing shall be ordered only where it is essential to remove the stumps, including the roots, as per specification. 4. Grubbing shall include removal of roots of trees and saplings to a depth of 60cm below ground level or 30 cm below formation level or 15 cm below sub grade level, whichever is lower.				
9	013011	Girth over 30 cm and up to 60 cm	Each	20.00	351.20	7024.00
10	013012	Girth over 60 cm and up to 1.5m	Each	10.00	971.32	9713.20
11	013013	Girth over 1.5m up to 3 m	Each	5.00	1935.96	9679.80

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Turfing / planting, including all lead & lift and watering as required until properly rooted with. Note: Initially payment of only 40% will be made. Balance 60% will be paid after 3 months of maintenance period, only if the turfing is properly rooted on entire turfed area.				
12	013021	Turfing with sods, 10cm thick and 20cm square closely laid.	100 Sqm	22500.00	5460.99	1228722.75
		Providing portable fencing along running track where work is to be done in close vicinity of track, maintaining during execution of work and removing after completion of the work as per direction of the Engineer. Fencing shall consist of self supporting steel angles of size 50mm x 50mm x 6mm, 1.5m long provided with hooks etc. and embedded in CC 1:2:4 block of size 0.23m x 0.23m x 0.23m placed at c/c distance of 2m along track. 12mm dia rods in three horizontal layers shall be tack welded with angle posts. Note : Released material will be property of the contractor after completion of work. Cost of cement required for CC blocks shall be paid separately.				
13	013041	With provision of one 50mm wide retro-reflective tape in horizontal direction, duly secured/tight with vertical posts.	Metre	300.00	215.48	64644.00
14	013060	Supplying, driving and erecting in all types of soils, hard wood pile 5m to 7m long without joint, 125mm average dia. for protection of bank slope including two coats of coal tar paint complete, as directed. Note: Payment will be made as per actual driven length of pile.	Metre	200.00	190.40	38080.00
15	013070	Driving rails 90R/52 Kg section below average ground level within the slope/toe of embankment including making of nose with contractor's own arrangement complete in all respect Note: Payment will be made as per actual driven length of rail which will be supplied free by Railways at the site of work.	Metre	200.00	108.07	21614.00
16	013080	Shoring with 'Z' section MS sheet piles side by side in all kinds of soil mechanically or manually as per approved drawing with contractor's own arrangement complete in all respects and removal of sheet piles after completion of the work as directed by engineer in-charge Note: Payment will be made as per actual driven length of pile.	Sqm	500.00	949.68	474840.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Supplying, laying Non-woven Needle Punched and Mechanically or Thermally bonded type Geotextile for use as Separator/Filtration for Railway formation as per RDSO Specification No. RDSO/2018/GE:IRS-0004 - Part I made of Polypropylene / Polyethylene / Polyamide or combination thereof having apparent opening size of less than or equal to 85 microns and elongation at failure more than 50% in both directions including transportation labour, lead & lift complete as directed by Engineer in-charge.				
17	013091	On top of subgrade or prepared subgrade before laying blanketing layer with minimum strengths in Grab test, Trapezoidal Tear test and Puncture test of 700N, 250 N and 1800 N respectively.	Sqm	40000.00	170.98	6839200.00
					Total	42914192.35
Schedule	Schedule B-Execution of all work as per schedule					
Item- 2	Bridge Works - Substructure, Bridge Works - Super Structure (RCC), Bridge Works - Super Structure (Steel), Bridge Works - Miscellaneous under SERUSSOR-2021					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Exploratory drilling of boreholes down to required depth, drilling of 150mm dia. boreholes in all type of soils except hard rock & large boulders (boulder core more than 30cm) including refilling, reinstating surface and disposing off surplus material including use of mechanical rigs with power operated winches as well as percussion/chiselling tool for advancing through occasional seams of hard strata to be employed, where necessary in Dry area.				
1	021011	0m to 10m	Metre	50.00	1441.73	72086.50
2	021012	10m to 20m	Metre	20.00	1585.91	31718.20
3	021013	20m to 30m	Metre	10.00	1730.07	17300.70
		Exploratory drilling of Boreholes down to required depth, drilling of 150mm diameter boreholes in all type of soils except hard rock and large boulders (boulder core more than 30cm), including refilling, reinstating surface and disposing off surplus material including use of mechanical rigs with power operated winches as well as percussion / chiselling tool for advancing through occasional seams of hard strata to be employed where necessary in River bed area including standing/flowing water with all necessary arrangements except making of platform under water which shall be paid under relevant item of SOR.				
4	021021	0m to 10m	Metre	20.00	1730.08	34601.60
5	021022	10m to 20m	Metre	20.00	1903.09	38061.80

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

6	021023	20m to 30m	Metre	20.00	2076.09	41521.80
7	021030	Extra for 150mm dia. bore in hard Rock/large Boulder at all levels	Metre	15.00	1940.01	29100.15
		Drilling of NX size borehole (75mm dia.) in all types of hard rock and collection of rock core samples from boreholes and preserving in boxes.				
8	021051	0m to 10m	Metre	20.00	4325.20	86504.00
9	021052	10m to 20m	Metre	20.00	4613.54	92270.80
10	021053	20m to 30m	Metre	20.00	4901.90	98038.00
		Conducting in-situ full size Plate Load Test (PLT) at selected location as per IS:1888 including making loading arrangements & casting of RCC/cast in-situ concrete footing as per codal provisions including excavation and refilling of trial pit.				
11	021063	Plate size 60cm x 60cm	Each	10.00	29769.11	297691.10
12	021110	Taking out 100mm dia. & 450mm long undisturbed samples of soil from bore holes, including provision of air tight containers for packing and, labeling incl. transporting the samples to laboratory. Piston sampler shall be used for extracting undisturbed samples where necessary. Samples shall be collected as per IS:2720.	Each	25.00	130.80	3270.00
13	021120	Taking out 100mm dia. & 450mm long disturbed samples of soil from bore holes, including provision of air tight containers for packing, labeling and transporting the samples to laboratory. Samples shall be collected as per IS:2720.	Each	25.00	144.18	3604.50
14	021130	Conducting standard penetration test as per IS:2131 at approximate 1.5m intervals in bore holes, as directed by the Engineer in charge	Each	50.00	751.44	37572.00
		Conducting laboratory Tests on collected soil samples as per relevant IS code				
15	021151	Moisture Content/Dry Density	Each	8.00	360.44	2883.52
16	021152	Atterberg Limits	Each	8.00	865.04	6920.32
17	021153	Specific Gravity	Each	10.00	384.46	3844.60
18	021154	Grain size analysis including Hydrometer analysis	Each	8.00	706.46	5651.68
19	021155	Direct Shear Test	Each	8.00	2847.43	22779.44
20	021156	Natural Density	Each	4.00	384.46	1537.84
21	021157	Consolidation Test	Each	4.00	2883.47	11533.88
22	021158	Unconfined Compression Test	Each	4.00	2214.50	8858.00
23	021159	Tri-axial Test	Each	4.00	2214.50	8858.00
		Conducting Laboratory tests on collected ROCK SAMPLES as per relevant IS code				
24	021161	Density Test	Each	8.00	480.59	3844.72
25	021162	Water Absorption & Porosity	Each	8.00	360.44	2883.52
26	021163	Hardness	Each	8.00	432.52	3460.16
27	021164	Unconfined Compression Test	Each	8.00	2306.78	18454.24
28	021165	Point Load Test	Each	8.00	1311.98	10495.84

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

29	021166	Modulus of Elasticity	Each	8.00	6694.25	53554.00
30	021167	Abrasion Testing	Each	8.00	1545.53	12364.24
31	021170	Conducting chemical analysis of ground water samples to determine suitability for concreting and aggressiveness in relation to attack on concrete / reinforcement including determination of pH value.	Each	5.00	3604.34	18021.70
32	021180	Conducting chemical analysis of soil samples to determine aggressiveness in relation to attack on concrete / reinforcement including determination of pH value	Each	8.00	4829.81	38638.48
		Earthwork in excavation by mechanical means (Hydraulic Excavator)/Manual Means for foundations and floors of the bridges, retaining walls etc. including setting out, dressing of sides, ramming of bottom, getting out the excavated material, back filling in layers with approved material and consolidation of the layers by ramming and watering etc. including all lift, disposal of surplus soil up to a lead of 300m, all types of shoring and strutting with all labour and material complete as per drawing and technical specification as directed by Engineer in charge. Note: This item will be used for excavation work in connection with other miscellaneous works also like side drains, foundation for OHE masts and other miscellaneous structures in connection with Gauge Conversion, Doubling, New lines.				
33	022011	All kinds of soils	cum	12700.00	205.63	2611501.00
34	022012	Soft rock (not requiring blasting)	cum	750.00	427.87	320902.50
35	022013	Hard rock (requiring blasting)	cum	140.00	776.69	108736.60
36	022014	Hard rock (blasting prohibited)	cum	700.00	1184.98	829486.00
		Providing and laying in position Plain cement concrete of specified Nominal Mix f o r miscellaneous works like side drains, foundation for OHE masts and other miscellaneous structures excluding the cost of Cement, centering and shuttering - All work up to plinth level :				
37	022031	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	cum	175.00	2400.98	420171.50
38	022032	1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	cum	70.00	2473.31	173131.70

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

39	022040	Providing and laying in position machine batched, machine mixed and machine vibrated Cement Concrete of specified grade as per approved Design Mix (mixed in Mobile Concrete Batching/Mixing Plant at site or RMC from approved plants) using 20mm graded crushed stone aggregate and coarse sand of approved quality in RCC raft foundation & Pile cap including finishing, using Plasticiser in approved proportions (as per IS:9103), to modify workability without impairing strength and durability complete as per specifications and direction of the Engineer in charge. Note: 1. Payment for cement, reinforcement and shuttering shall be made extra under relevant item. 2. Plasticiser shall invariably be used in approved proportion to increase workability with minimum possible quantity of cement for all grade of Design Mix Concrete unless it is specifically approved citing reasons for not using plasticiser at the stage of Mix Design and in that case deduction shall be made as per relevant item.	cum	650.00	2618.75	1702187.50
		Providing and laying in position machine batched, machine mixed and machine vibrated Cement Concrete of specified grade as per approved Design Mix (mixed in Mobile Concrete Batching/Mixing Plant at site or RMC from approved plants) using 20mm graded crushed stone aggregate and coarse sand of approved quality for the following Reinforced cement concrete structural elements up to height of 9.0 m from foundation top level, including finishing, using Plasticiser in approved proportions (as per IS:9103), to modify workability without impairing strength and durability complete as per specifications and direction of the Engineer in charge. Note: 1. Payment for cement, reinforcement and shuttering shall be made extra under relevant item. 2. Plasticiser shall invariably be used in approved proportion to increase workability with minimum possible quantity of cement for all grade of Design Mix Concrete unless it is specifically approved citing reasons for not using plasticiser at the stage of Mix Design and in that case deduction shall be made as per relevant item.				
40	022052	Wing wall and Return wall	cum	1650.00	2699.22	4453713.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

41	022060	Providing and laying Plain Cement Concrete 1:3:6 with graded stone aggregate of 40mm nominal size, in foundation and floors, retaining walls of bridges including mechanical mixing, vibrating, pumping and bailing out water where ever required with all materials and labour complete but excluding the cost of cement and shuttering as per drawings and technical specifications as directed by Engineer.	cum	200.00	2533.21	506642.00
42	022070	Providing and fixing Weep Holes in Abutments, Wing walls and Return walls etc., of new bridges with 110mm dia UPVC pipe Type A ISI marked with all contractor's men, material, transportation, all taxes as per specifications and as directed by Engineer-in-Charge.	Metre	80.00	246.59	19727.20
43	024010	Providing and casting machine batched, machine mixed and machine vibrated Cement Concrete of specified grade as per approved Design Mix, mixed in Mobile Concrete Batching/Mixing Plant at site or RMC from approved plants, (Cast in-Situ/Pre-cast) in bottom/top slab, side walls, toe wall and sumps haunch filling head walls, thrust bed or any other component using 20mm graded crushed stone aggregate and coarse sand of approved quality of RCC box of any size including finishing, Plasticiser in approved proportions (as per IS:9103), to modify workability without impairing strength and durability, complete as per drawings and technical specifications as directed by Engineer in charge. Note: 1. Payment for cement, reinforcement and shuttering shall be made extra under relevant item. 2. Plasticiser shall invariably be used in approved proportion to increase workability with minimum possible quantity of cement for all grade of Design Mix Concrete unless it is specifically approved citing reasons at the stage of Mix Design and in that case deduction shall be made as per relevant item.	cum	1030.00	2880.63	2967048.90

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

44	024020	Providing and laying in position machine batched, machine mixed and machine vibrated Design Mix Cement Concrete, mixed in Mobile Concrete Batching/Mixing Plant at site or RMC from approved plants, of specified grade (cast in-situ) using 20mm graded crushed stone aggregate and coarse sand of approved quality in Drop and curtain wall and alike structures below bed level, complete in all respect as per drawings and technical specifications to the satisfaction of Engineer-in-Charge. Note: Payment for cement, reinforcement and shuttering shall be made extra.	cum	10.00	2618.75	26187.50
		Deduct if Plasticiser has not been used in Design Mix Concrete of any grade as per approved mix design or use of 40mm graded stone aggregate in place of 20mm graded stone aggregate in any grade of concrete. Note: Deduction to be made for quantity of concrete.				
45	025011	Deduction for not using Plasticiser in approved proportions (as per IS:9103) for any grade of Design Mix Concrete.	cum	50.00	-342.15	-17107.50
46	025012	Deduction for using 40mm graded stone aggregate in place of 20mm graded stone aggregate in any grade of concrete.	cum	30.00	-108.98	-3269.40
47	025020	Providing and applying two coats of coal tar or bitumen conforming to IS:3117- latest version on the top and sides of RCC box/slabs @ 1.70 kg/sqm after cleaning the surface with all labour and materials complete job as directed by the Engineer.	Sqm	2550.00	171.20	436560.00
		Centering and shuttering including strutting, propping etc. and removal of form for :				
48	025031	All types of bridge sub-structures, e.g. pier, abutment, wing wall, retaining wall, RCC box type foundations, Abutment cap, Pier Cap, Inspection Platform & Pedestal over Pier cap, Fender wall, Diaphragm wall etc. up to 5m above ground level	Sqm	8500.00	674.52	5733420.00
49	025032	All types of bridge super-structures, e.g. slabs, I-girders, T-girders, Box girders etc. up to 5m above ground level.	Sqm	30.00	854.92	25647.60
50	025033	Extra for additional height over item no. 025031 & 025032 wherever required with adequate bracing, propping etc. over initial height of 5 metres for every additional height of 1 metre or part thereof.	Sqm	430.00	102.08	43894.40
		Supply and using Cement at Worksite				
51	025072	Ordinary Portland Cement 53 grade of approved brands/makes	MT	720.00	8964.18	6454209.60

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Supply of steel reinforcement of approved brands/makes for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
52	025082	Thermo-Mechanically Treated bars of grade Fe-500D or more of approved brands/makes.	Kg	187000.00	97.13	18163310.00
53	031120	Casting and installation of single/twin RCC box of all sizes with or without common web section including design of pushing scheme, thrust bed, casting of all RCC components, with specified grade of controlled concrete, pushing it in correct position and alignment below Railway track/Road following all measures of track safety by 'Box pushing technique" as per approved drawings/scheme, with or without surcharge in all types of soils with disposal of surplus earth away from vent up to 1 Km, fixing arrangement for all services & utilities including parapet walls on both sides, wearing course, foot paths, plaques, drainage arrangements etc. and all other incidental works to complete the ROB/RUB/Canal crossing in all respect as per specifications to the satisfaction of Engineer-in-Charge. Note: 1. The rate includes all items of work/supplies for complete job in all respects except "cost of Reinforced cement concrete, cement, reinforcement & shuttering" of (i) main RCC Box; (ii) Thrust Bed; (iii) Footpath (iv) Parapet wall and (v) wearing Course only, which shall be paid extra under relevant items of USSOR. 2. In case Drag Sheet and/or Rail Cluster are to be used as per approved scheme and design, the same shall be paid extra under relevant item. 3. The payment for this item shall be made for the clear inner cross section area of the parent RCC Box/Boxes and barrel length i.e. clear inner volume of parent RCC Box/Boxes.	cum	1030.00	5102.28	5255348.40
54	031121	Extra for using GI Drag Sheet, 1.50 mm thick, for protection of track from subsidence while pushing the box as per design over item no. 031120. Note: The payment for this item shall be made for the clear inner cross section area of the parent RCC Box/Boxes and barrel length i.e. clear inner volume of parent RCC Box/Boxes.	cum	50.00	1035.17	51758.50

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

55	031140	Fabrication, insertion and removal of rail cluster below the running track to ensure safety of track during box pushing in correct position and alignment with Railway rails and contractors MS flats, wooden blocks, and 12 mm dia bolts etc., as per approved drawing including removing and filling back of ballast below track under traffic conditions of Electrified/Non-Electrified section with all contractors, labour, tools, tackles, consumables plants, and 50MT capacity crane and any other material required for execution of work in all respect with all lead and lift, transportation and as directed by Engineer in-charge. Payment quantity shall be as per the weight of rail in rail cluster used at site or as per approved drawing, whichever is minimum.	MT	40.00	6431.07	257242.80
		Supplying, fabrication, assembling of all types of steel girders of specified spans with structural steel conforming to Quality "B0" Grade Designation E250 conforming to IS:2062, erection / slewing / end launching of steel girders with cranes or any other approved launching methods as per site conditions (not requiring traffic block) on sub-structure including provision of trolley refuges etc., complete as per approved Q A P and drawings conforming to IRS-B1-2001 and other relevant codes and specifications. Note: 1. Detailed fabrication and erection drawings & launching methodology will be prepared by the contractor and got approved from Railway. 2. The rate is all inclusive including launching in position, complete in all respect except cost of (i) Painting / Metalising; (ii) Bearings & (iii) HSFG bolts which shall be paid extra under relevant item. 3. The payment shall be made on the theoretical weight of main components and gusset plates only. 4. Payment Schedule: (i) Receipt of material at site: 40% (ii) Fabrication of girders: 20% (iii) Erection/Launching: 20% (iv) Completion in all respects: 20%				
56	041011	Plate Girder/Semi Through Girder/Composite Girder (Steel Work)	MT	35.00	127282.14	4454874.90
57	041013	Extra for using steel conforming to Grade Designation E350 instead of Grade Designation E250 of Quality "B0" as per IS: 2062	MT	20.00	4236.71	84734.20

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Metallizing of steel work of girders with sprayed aluminium after surface preparation by Sand/grit blasting, followed by one coat of etch primer (IS:5666) & one coat of Zinc Chrome primer (IS:104) and two coats of aluminium paint (IS:2339) with all labour, T&P and material as a complete job duly conforming to all relevant specifications and process given under Clause 39 of IRS-B1-2001. Note: Nominal Thickness of sprayed Aluminium coating shall be 150 microns. DFT of Zinc chrome primer shall be 25-30 microns and DFT of each coat of Aluminium paint shall be 12-14 microns.				
58	041041	On new girder during fabrication	Sqm	1300.00	749.25	974025.00
		Providing and fixing various size HTS holding down bolts conforming to relevant Codes/Specification in concrete column or in other structures with proper nuts, bolts, washers/plates, grouting of holes with cement or epoxy concrete with all material, labour, T&P as a complete job.				
59	041072	With epoxy concrete grouting.	Kg	1200.00	130.47	156564.00
		Providing road crane of specified lifting capacity with specified jib length revolving type for material handling, assembly & erection of girders/slab/RCC Box etc.				
60	041205	100 MT capacity	Day	3.00	65826.09	197478.27
61	041206	150 MT capacity	Day	2.00	119433.24	238866.48
62	041208	250 MT capacity	Day	2.00	303176.67	606353.34
63	041209	300 MT capacity	Day	2.00	372080.46	744160.92
64	041370	Supplying fabricating and erecting welded and/or bolted and/or riveted steel work in built up sections, trusses and framed work, staging, racks, Height Gauge etc. for Steel Structures other than bridge girders, using RSJ, tees, angles and channels/flats, plates, gussets, round or square bars, cleats, bolts etc., with contractors own steel including cutting, bending, straightening, drilling, riveting, hoisting, fixing, erecting, welding, bolting etc., with Providing stiffeners wherever required as per approved drawing including applying a priming coat of a approved steel primer with all contractor's materials, labour, tools & plants, lead & lift including crossing of tracks if required etc., complete as per specification and as directed by Engineer-in-charge. Note: The payment shall be made on the theoretical weight of main components and gusset plates only.	MT	35.00	114366.59	4002830.65

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

65	051010	Providing and laying boulders apron on river bed for protection against scour with stone boulders weighing not less than 35 kg each with voids filled with spalls complete as per drawing and Technical Specification.	cum	30.00	1680.44	50413.20
66	051030	Supplying of stone boulders weighing not less than 35 kg each at specified bridge locations.	cum	450.00	914.75	411637.50
67	051070	Providing and laying Pitching with Stone Boulders, weighing not less than 35kg each with voids filled with cement sand mortar 1:4 on slopes laid over prepared filter media including boulder apron laid dry in front of toe of embankment complete as per drawing and Technical Specifications (filter media to be paid separately under the relevant item). Rate is excluding cost of cement which shall be paid extra under relevant item.	cum	130.00	2369.16	307990.80
68	051080	Providing and laying Filter Material as per RDSO Specifications underneath pitching in slopes complete as per drawing and Technical Specification.	cum	70.00	2737.41	191618.70
69	051100	Laying Pitching with Stone Boulders supplied by Railway with voids filled with spalls on slopes, laid over prepared filter media including boulder apron laid dry in front of toe of embankment as per drawings and technical specifications. Note: Filter media to be paid under relevant item.	cum	480.00	467.56	224428.80
70	052030	Supply and laying of quarry dust including consolidation, supply of all materials, labour, lead, lift, tools, plants, crossing of tracks as per drawing and technical specification as directed by the Engineer in charge in case loose slush is encountered at site of foundation before casting the foundation or laying the filtering media.	cum	80.00	1028.70	82296.00
71	052040	Supply and laying of coarse sand including consolidation with all labour, lead, lift, tools, plants, crossing of tracks as per drawing and technical specification as directed by the Engineer in charge in case loose slush is encountered at site of foundation before casting the foundation or laying the filtering media.	cum	350.00	973.10	340585.00
		Grouting of masonry/concrete by injection process duly Sealing of cracks, through nipples complete as per Technical Specification and procedure given in IRBM Para No 209 including necessary admixture. Payment shall be as per use of cement by weight in case of neat cement/cement mortar grouting and weight of Epoxy in case of Epoxy Grouting. (Cement will be paid extra).				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

72	052073	Epoxy Grout	Kg	450.00	1260.92	567414.00
73	052140	Providing and fixing of Drainage Spouts of 110mm UPVC Type A ISI marked (Working pressure 4 kg/sqcm) using suitable clamps and adhesive etc., complete.	Metre	675.00	367.58	248116.50
74	052150	Providing and laying of filter media consisting of granular materials of GW, GP, SW groups as per IS:1498 (latest) in required profile behind boulder filling of abutments, wing walls / return walls etc. above bed level with all labour and material complete job as per drawing and technical specification of RDSO Guidelines.	cum	570.00	2242.92	1278464.40
75	052200	Painting the HFL mark and Danger level mark, year of HFL on bridge abutments and piers with ready mixed paint as per standard in two coats over one coat of primer with all materials, labour, tools, scaffolding, all lead and lift etc. including writing complete.	Each	6.00	282.51	1695.06
76	052210	Providing cast in situ bridge number plaques as per Railway drawing in cement concrete 1:2:4 mix using 20mm hard stone aggregate embedded in 30mm notch in Bridge parapet coping duly engraving the letter and figures and an arrow indicating the direction of flow and finishing the top exposed surface with cement mortar 1:3, painting letters and figures with two coats of black enamel paint on two coats of white background with all labour, tools, cement, paint etc. with all leads and lifts.	Each	6.00	932.52	5595.12
77	052220	Providing cast in-situ plaques for bridge foundations details of size 45cmx45cmx5cm in cement concrete 1:2:4 mix using 20mm hard stone aggregate embedded in 30mm deep notch over abutment & piers, engraving the letters & figures with CM 1:3 and finished smooth including painting letters and figures with 2 coats of black enamel and plaque with white enamel with all labour, tools, cement, paint, curing etc. as a complete job.	Each	6.00	1351.29	8107.74
78	052240	Supplying, spreading and filling coarse sand (no cohesive materials to be used) of approved quality including watering and ramming in foundation, behind the abutment, wing wall, retaining wall in layers not exceeding 150mm thick including its compaction as per direction of Engineer-in-charge. The rate includes all lead, lift, ascent, descent, crossing of Railway line etc. complete with contractor's labour, materials, tools and plant.	cum	160.00	1113.65	178184.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

79	052250	Providing Boulder Backing behind wing wall, return wall, retaining wall with hand packed boulders & cobbles with smaller size boulders toward the back including all lead, lift, labour & other incidental charges as complete work in all respect. Payment for boulder/cobbles will be done extra.	cum	400.00	387.52	155008.00
80	052260	Dewatering of natural or accumulated water from any location. Payment to be done for Horse power of pump multiplied by pumping hours.	HP Hour	150.00	44.97	6745.50
		Designing and developing Detailed structural and working Drawings for following items for ROB/RUB/Bridge based on Railway's approved GADs, duly collecting necessary data from Railways and R&B authorities, duly designing members and submission of check plot duly getting proof-checked by Railway approved institutes, submitting for Railway's verification and approval, making corrections duly incorporating suggestions in drawings/designs, further submission of original in transparent film paper and soft copy (CD) for Railways approval etc. with contractor's technical expertise and instruments, labour, consumables, repeatedly attending till final approval etc., complete as directed by Engineer in-charge.				
81	053011	Open / Pile / Well Foundation for piers/abutments	Set	2.00	28431.18	56862.36
82	053012	RCC Bed Block	Set	2.00	9220.62	18441.24
83	053013	Foundation and sub-structure for RCC retaining wall, abutment and approach slab	Set	2.00	23915.64	47831.28
		Earthwork in excavation by mechanical means (Hydraulic Excavator)/Manual Means for foundations and floors of the bridges, retaining walls etc. including setting out, dressing of sides, ramming of bottom, getting out the excavated material, back filling in layers with approved material and consolidation of the layers by ramming and watering etc. including all lift, disposal of surplus soil up to a lead of 300m, all types of shoring and strutting with all labour and material complete as per drawing and technical specification as directed by Engineer in charge. Note: This item will be used for excavation work in connection with other miscellaneous works also like side drains, foundation for OHE masts and other miscellaneous structures in connection with Gauge Conversion, Doubling, New lines.				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

84	022011(022020)	Extra over item nos. 022011 to 022014 for executing the work under water and/or liquid mud to compensate all additional arrangements including pumping out water as required. Note: The extra percentage rate is applicable only for the quantity of work executed under water. [RATE = 20%]	cum	670.00	41.13	27557.10
					Total	67327255.19
Schedule	Schedule C-Execution of all work as per schedule					
Item- 3	Rails, Sleepers and Fittings Renewal, Turnouts and Renewals, Welding Activities, Reconditioning of Points and Crossings, Formation Rehabilitation, Activities at Construction Sites, Maintenance Activities, Testing of Rails and other Components, Heavy Track Machines, Small Track Machines, Handling of Materials, Level Crossings, Bridge Related Activities, Supply of P.Way Materials, Miscellaneous Items under SERUSSOR-2021					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Pulling & positioning of rails accurately on cess including supporting rails, providing required gap and squaring at ends for renewal preparation, as directed by Engineer in-charge.				
1	061011	Up to 40 m long rail panel	RM	4180.00	9.16	38288.80
2	061012	More than 40 m long rail panel	RM	12600.00	14.48	182448.00
		Dismantling and removing rail of all section & length from track, laid on any type & density of sleeper by removing fish plates, fastenings & fish bolts and other materials including stacking all released materials within an average distance of 500 metres as directed by Engineer in-charge. Note: 1.Cutting of rails shall be paid separately. 2.Work to be done under traffic block.				
3	061021	For Through Rail Renewal work	TRM	6300.00	44.96	283248.00
4	061022	For Casual/Scattered Rail Renewal work	RM	4180.00	35.70	149226.00
		Insertion of rails of all types & length in track, laid on any type & density of sleeper to the specified gauge under traffic block. Rates include fastening of rail with sleepers with standard set of fastenings and fixing of fish plates and bolts or, if required, providing gap for welding and stacking of released material without infringement within 250m as directed by Engineer-in-Charge. Note: Rail drilling and cutting to be paid separately.				
5	061031	For Through Rail Renewal work	TRM	6300.00	46.36	292068.00
6	061032	For Casual/Scattered Rail Renewal work	RM	4180.00	37.79	157962.20

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Through Sleeper Renewal (TSR) with PSC sleepers involving removal existing sleepers of any type along with fittings from track, insertion of PSC sleepers lying along the cess / formation / slope / toe within 5 metres height with all fittings to specified spacing, gauge and squareness, one round of through packing to make track fit for 20 kmph speed, dressing of ballast to standard profile, all in accordance with the latest provisions of IRPWM and stacking of all released material neatly at specified places within an average lead of 100 m as directed by Engineer in-charge.				
7	062013	For PSC wider base sleepers - For location of work not involving deep screening	Each	350.00	357.81	125233.50
8	062014	For PSC wider base sleepers - For location of work involving deep screening. (deep screening to be paid separately)	Each	350.00	199.48	69818.00
		Fixing of fish plates with fish bolts on a joint of all rail sections duly lubricating fish plates/bolts with contractor's grease graphite in running track condition including transportation of fish plates and fish bolts from nearest station / store / level crossing. Note: Rail cutting & drilling to be paid separately.				
9	063012	Fish plates of 6 bolts.	Joint	200.00	265.81	53162.00
10	063020	Through renewal of Metal / GFN liners in running track condition after cleaning of rail foot at liner seat, greasing of liner, liner seat and sealing of liner contact area at rail foot including removing, cleaning & lubrication of ER Clip & Insert Eye and re-driving the same with contractor's grease graphite of approved quality with all lead & lift.	Sleeper	1200.00	17.35	20820.00
		Lubrication of fish plated rail joints under traffic, by using Grease Graphite Grade 'O' (IS:408) and Black oil supplied by contractor, for all types of rail sections as per procedure laid down in latest version of IRPWM and as directed by Engineer In charge. Note: Release U/S bolt & nuts is to be deposited back. If any fish bolts is jammed it should be cut with chisel and hammer and replaced with fresh fish bolt supplied.				
11	063051	For 1.00m long fishplates	Joint	200.00	104.81	20962.00
12	063070	Lubrication of Elastic Rail Clips on PSC sleepers with contractor's grease, conforming to Railway's specifications, labour etc. complete as per procedure prescribed in latest edition of IRPWM.	ERC	46500.00	2.98	138570.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

13	063090	Lubrication of ERCs and its liner contact area by removal of ERCs and Metal / GFN liners in rail panel, cleaning of rust / scale of ERC, Metal / GFN liners & SGCI insert by using wire brush, scrapper / sand emery paper etc supply and application of graphite grease, as prescribed by Railway for under side of liners & corresponding area of rail foot & SGCI insert with ERCs and re-fixing the same as per procedure prescribed in latest edition of IRPWM with contractors grease and all other tools & plants complete and as directed. Note: Each ERC in this item shall constitute 1 ERC and its Liner Contact area.	ERC	4800.00	4.06	19488.00
14	063100	Removing seized ERC from SGCI inserts of existing track by using suitable approved chemicals and re-fixing after greasing of insert eye and ERC with Contractor's grease of specified quality as per provisions of IRPWM, as directed by Engineer in-charge. Note: 1.List of Seized ERC along with location shall be prepared after inspection of SSE/P.Way and marked prior to execution of this item. 2. Due care shall be taken to avoid any damage to the sleeper 3.A penalty of 50% of the basic cost of new sleeper in nearest sleeper factory shall be levied on each, if SGCI insert is broken or sleeper gets cracked in the process.	ERC	500.00	50.60	25300.00
15	063110	Lubrication of gauge face of rail on curves, cross overs, points & crossings, turn-in curves and at locations as required with contractor's grease graphite grade "O" IS 408 and as directed.	RM	3000.00	3.47	10410.00
		Lubrication of Plate/Rail screws of Points and crossings, SEJs, Bridges, Curves etc., with greases graphite, including removal of screws carefully without damaging sleepers, cleaning with wire brush etc., both screws and dowel hole, applying grease graphite, refixing the screw and sealing the top and sides of screw with grease graphite to prevent ingress of moisture and corrosion with contractors labour, tools, consumables under traffic condition all lead and lift complete.				
16	063122	By using Contractor's Grease Graphite	Each	300.00	34.36	10308.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Cutting / cropping of rail of 60Kg - 90 UTS, manually and perfectly vertical with contractor's labour, hacksaw blade and tools & plants - Note: 1.Manual cutting should be used only in emergencies with prior permission of sectional ADEN where machine cutting can not be arranged in time. 2. Cutting of Rails with blade and forcing to part by using other means to break the rails is prohibited. 3.Rails should be cut right through hacksaw blades only.				
17	064031	On Cess	Each	25.00	309.38	7734.50
18	064032	In-situ situation	Each	25.00	464.49	11612.25
		Drilling of hole of different diameter and chamfering, in rail of any section and any UTS manually only in emergencies with contractor's labours, tools & plants, consumables etc.				
19	064041	Hole of dia. 26.5mm and above	Each	50.00	280.48	14024.00
		Gas cutting of rail of various sections with contractor's tools & plants, as directed by engineer in-charge :				
20	064052	Rail section of 52Kg and above	Each	500.00	150.60	75300.00
		Assembling and Laying of Improved Switch Expansion Joint (SEJ) on PSC sleepers of any rail section as per RDSO drawing including leading of SEJ rails, sleepers, fittings for a free lead of 250 metres, cutting of rails, drilling of holes as required and lubrication of SEJ, gauging, aligning rails, providing temporary connection with adequate welding gap with adjoining rails, providing reference posts at SEJ, first through packing of SEJ portion to make track geometry fit for 30 kmph speed and making ballast profile as per IRPWM. Note: (1) Rail cutting and hole drilling shall be paid separately.(2) One set comprise complete SEJ on both rails at SEJ.				
21	065031	Under Conditions not requiring Traffic Block	Set	10.00	6671.37	66713.70
22	065032	Under Traffic Block Conditions	Set	8.00	7338.50	58708.00
23	065040	Dismantling & removing existing SEJ (Switch Expansion Joint) assembly during line block and its replacement with plain track as of adjoining section with all fittings including rail cutting and drilling of holes and renewal of special sleepers with PSC Sleepers as directed and aligning rails, providing fishplates and bolts/ temporary connection with adequate welding gap with adjoining rail and ensuring proper track geometry for 30 kmph speed. The release material shall be stacked as directed by Engineer in charge.	Set	7.00	9051.84	63362.88

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Under Traffic Block: Dismantling of existing BG turnouts, diamond crossings and derailing switches with all types of rails and sleeper layout, removing rails, switches, crossings, sleepers & fastenings, leveling of ballast to correct profile & stacking all the released materials, sleepers, fastenings, rails, switches & crossings including segregating & stacking at specified locations in a neat and countable manner, within the lead of 250m & all lift, clear of infringements, crossing of track, if any complete, as directed. Note: 1. This item shall be operated only when existing turnout is replaced either with new turnout in case of T T R or with plain track when existing turnout is no more required at that location. 2. Rail cutting will be paid extra under relevant item. 3. Laying of new turnout or plain track on prepared ballast bed, as required, shall be paid separately under relevant item.				
24	071011	1 in 8½ Turnout (Under Traffic Block)	Set	4.00	30959.52	123838.08
25	071012	1 in 12 Turnout (Under Traffic Block)	Set	4.00	35521.80	142087.20
		Under conditions not requiring Traffic Block: Dismantling of existing BG turnouts, diamond crossings and derailing switches with all types of rails and sleeper layout, removing rails, switches, crossings, sleepers & fastenings, leveling of ballast to correct profile & stacking all the released materials, sleepers, fastenings, rails, switches & crossings including segregating & stacking at specified locations in a neat and countable manner, within the lead of 250m & all lift, clear of infringements, crossing of track, if any complete, as directed - Note: 1. This item shall be operated only when existing turnout is replaced either with new turnout in case of T T R or with plain track when existing turnout is no more required at that location. 2. Rail cutting will be paid extra under relevant item. 3. Laying of new turnout or plain track on prepared ballast bed, as required, shall be paid separately under relevant item.				
26	071021	1 in 8½ Turnout (Under conditions not requiring Traffic Block).	Set	1.00	24686.52	24686.52
27	071022	1 in 12 Turnout (Under conditions not requiring Traffic Block).	Set	1.00	26764.29	26764.29
28	071026	Derailing Switch (Under conditions not requiring Traffic Block).	Set	3.00	5647.00	16941.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

29	071030	Dismantling the existing BG Buffer-stop laid with rails & wooden/ST sleepers including leading the dismantled Buffer stop materials to nominated places within station yard limits and stacking as material-wise and classification-wise duly releasing all fittings carefully without causing any damage with all contractor's labour, tools, with all lead and lifts, crossing of tracks if any, etc., complete as directed by the Engineer-in-charge.	Set	4.00	4560.04	18240.16
		Assembling complete BG Turnout on staging, clear of infringements, to correct gauge and alignment as per standard drawings with all types of rail sections over PSC sleepers at specified locations, duly leading rails, special sleepers, switches, crossings with a maximum lead of 500m, all lift & crossing of track as required and testing points with S&T staff for throw of switch etc. at station yard after levelling surface complete including lubrication of all fastenings, complete in all respect. Note: 1.Rail cutting and Drilling shall be paid separately 2. Required P.Way fittings/fastenings shall be supplied at the SSE/P.Way stores.				
30	072012	1 in 12 Turnout	Set	5.00	43785.11	218925.55
		Assembling all types of Switches on staging, clear of infringements, to correct gauge and alignment as per standard drawings with all types of rail sections over PSC sleepers at specified locations, duly leading rails, special sleepers, switches with a maximum lead of 500m, all lift & crossing of track as required including cutting, drilling, fixing of all components, fittings etc. with housing of tongue rails as per requirement of signaling including lubrication of fittings/fastenings, complete in all respect. Note: Required P.Way fittings shall be supplied at SSE/P.Way stores.				
31	072022	1 in 12 Turnouts	Set	5.00	20846.35	104231.75

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Assembling on temporary staging and insertion of all types of turnouts including diamond crossings and derailing switches on prepared ballast bed during traffic block, manually or by contractor's cranes, at specified location with 52Kg / 60Kg rail section on PSC sleepers with Railways rails/sleepers available anywhere within 500m as per standard drawing, duly leading sleepers, rails, switches, crossings, fastenings etc. including rail cutting, drilling, fixing of all components, fittings etc. with housing of tongue rails as per requirement of signaling including crossing of track, filling and spreading of ballast in crib and shoulder as required, linking of turnout with existing track, attending track parameters including lifting, providing one round of packing to make track fit for 20 kmph speed including lubrication of fittings/fastenings, complete in all respect and as directed by Engineer in-charge. Note: Required P.Way fittings shall be supplied at the SSE/P.Way stores.				
32	072032	1 in 12 Turnouts	Set	9.00	68779.23	619013.07
33	072036	Derailing Switch	Set	1.00	14680.00	14680.00
		Laying and linking of turnouts of all types including diamond crossings & Derailing switches with 52Kg / 60Kg rail section on PSC sleepers on prepared ballast bed for New lines or during total closure of section at indicated location as per standard drawing, duly leading sleepers, rails, switches, crossings, fastenings including rail cutting, drilling, fixing of all components, fittings with housing of tongue rails as per requirement of signaling, preparing ballast bed, filling and spreading of ballast as required, linking of turnout with track, attending track parameters including lifting, providing one round of packing to make track fit for 20 kmph speed including lubrication of fittings/fastenings, complete as directed by Engineer in-charge.				
34	072042	1 in 12 Turnouts	Set	11.00	51034.51	561379.61
35	072046	Derailing Switch	Set	2.00	9846.81	19693.62

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Assembling on temporary staging and insertion of all types of switches including TWS on prepared ballast bed during traffic block, manually or by contractor's cranes, at specified location with 52Kg / 60Kg rail section on PSC sleepers with Railways rails/sleepers available within 250m as per standard drawing, duly leading sleepers, rails, switches, fastenings etc. including rail cutting, drilling, fixing of all components, fittings etc. with housing of tongue rails as per requirement of signaling etc. including preparation for operation of traffic block, including crossing of track, filling and spreading of ballast in crib and shoulder as required, linking with existing track, attending track parameters including lifting, providing one round of packing to make track fit for 20 kmph speed lubrication of fittings/fastenings, complete as directed by Engineer in-charge. Note: Required P.Way fittings shall be supplied at the SSE/P.Way stores.				
36	072062	1 in 12 Turnouts	Set	9.00	23964.90	215684.10
		Lifting for increase in ballast cushion of existing points & crossing layouts up to 75mm or part thereof including approach and exit sleepers including one round of through packing, correcting the disturbed sleeper spacing, tightening of fittings, boxing of ballast and ramping out on either side at slope not steeper than 1 in 1000 or as directed. Note: Item will be paid only when lifting is 50mm or more.				
37	073011	1 in 8½ Points & Crossing	Set	1.00	13434.74	13434.74
38	073012	1 in 12 Points & Crossing	Set	1.00	18264.60	18264.60
		Lifting the newly inserted BG 60 Kg. / 52 Kg. turnouts/ trap switches to required level to provide full ballast cushion as per approved drawings after initial laying with Railway's stone ballast in convenient stages including one round of through packing after completion of final stage of lift, levelling, aligning, gauging and boxing to standard profile to make it fit for 20 kmph with all lead and lifts, complete in all respect and as directed by the Engineer-in-charge. Note: 1. The item shall be used only when UNIMAT is not available for the work before the turnout is opened for operation. 2. Leading and dumping of ballast will be paid separately under relevant item.				
39	073022	For 1 in 12 Points & Crossing	Set	20.00	9962.86	199257.20
40	073024	For Derailing Switch	Set	2.00	5828.71	11657.42

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Manufacturing and Supply of Alumino thermic welding portions of 52Kg/60 Kg/60EI-R260 as approved by RDSO for welding of rails 52Kg/60Kg/60EI-R260 kg for 25mm gap by the process of AT welding along with complete accessories confirming to the specification laid down in Indian Railway Standard specification No.IRST-19-2020 up to date correction slips with Single shot crucible fitted with Automatic Tapping Thimble, 3 pieces pre fabricated mould (Zircon washed) manually pressed using compressed air petrol/LPG pre heating for execution of welding of rail joint as directed by the engineer in charge at site. Note: 1. The accessories along with welding portion shall be supplied as per Annexure-I of the IRUSSOR - 2021. 2. Rate is inclusive of transportation of above to SSE/P.Way stores.				
41	091013	For 60Kg/60EI- R260 rails	Each	760.00	2146.00	1630960.00
		25mm gap 'in-situ' welding during traffic block and finishing of weld to meet the prescribed tolerances and pass all stipulated tests with all required labour, materials, consumables, tools, equipments etc. to complete the work in all respect as per IR's "Manual for Fusion Welding of Rails by Alumino - Thermic Process" with latest correction slips, including marking of welded joint, painting weld collar with anticorrosive paint, restoration of track near weld joint to original position and fixing of joggled fish plate at new weld, to be removed after passing of weld in USFD test as directed by Engineer in charge. Note: 1. Welding shall be carried out only by trained welder having valid competency certificate using RDSO approved Alumino Thermit Welding Portions, 3 piece prefabricated mould (ZIRCON WASHED) manually pressed, Single shot crucible fitted with auto tapping thimble and Compressed Air Petrol/LPG preheating technique as per RDSO Specification No IRST/19-2020 with latest amendment. 2. Hydraulic Weld trimmer shall be used for chipping and profile Grinder for finishing. 3. Only required nos. of Joggled fish plates shall be supplied by Railway at nearest P. Way Stores and the same shall be returned at nearest P. Way Store or at other location as per direction of Engineer-in-Charge after release from track. All other items required shall be supplied by the Contractor.				
42	092012	For 60 Kg/60EI - R260 grade Rail	Each	166.00	4331.92	719098.72

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		25mm gap 'in-situ' welding during traffic block using Railway's welding portion and finishing of weld to meet the prescribed tolerances and pass all stipulated tests with all required labour, materials, consumables, tools, equipments etc. to complete the work in all respect as per IR's "Manual for Fusion Welding of Rails by Alumino - Thermic Process" with latest correction slips, including marking of welded joint, painting weld collar with anticorrosive paint, restoration of track near weld joint to original position and fixing of joggled fish plate at new weld, to be removed after passing of weld in USFD test as directed by Engineer in charge. Note: 1. Welding portion and related accessories as per Annexure - I shall be supplied by Railways. All other items required shall be supplied by the Contractor. 2. Welding shall be carried out only by trained welder having valid competency certificate. 3. Hydraulic Weld trimmer shall be used for chipping and profile Grinder for finishing. 4. Required nos. of Joggled fish plates shall be supplied by Railway at nearest P. Way Stores and the same shall be returned at nearest P. Way Store or at other location as per direction of Engineer-in-Charge after release from track.				
43	092022	For 60 Kg/60EI-R260 grade Rail, Single shot crucible fitted with Automatic Tapping Thimble Technology, 3 pieces Mould (Zircon washed) and Compressed Air Petrol heating technique.	Each	10.00	1813.07	18130.70
44	092023	For 52 Kg - 90 UTS or 52 Kg 72UTS Rail, Single shot crucible fitted with Automatic Tapping Thimble Technology, 3 pieces Mould (Zircon washed) and Compressed Air Petrol heating technique.	Each	10.00	1813.07	18130.70

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

45	092030	25mm gap 'in-situ' welding during traffic block using Railway's welding portion & Welder and finishing of weld to meet the prescribed tolerances and pass all stipulated tests with all required labour, materials, consumables, tools, equipments etc. to complete the work in all respect as per IR's "Manual for Fusion Welding of Rails by Alumino - Thermic Process" with latest correction slips, including marking of welded joint, painting weld collar with anticorrosive paint, restoration of track near weld joint to original position and fixing of joggled fish plate at new weld, to be removed after passing of weld in USFD test as directed by Engineer in charge. Note: 1. Only welding portion and related accessories as per Annexure - I and Welder shall be supplied by Railways. 2. Hydraulic Weld trimmer shall be used for chipping and profile Grinder for finishing. 3. Required nos. of Joggled fish plates shall be supplied by Railway at nearest P. Way Stores and the same shall be returned at nearest P. Way Store or at other location as per direction of Engineer-in-Charge after release from track.	Each	10.00	1599.21	15992.10
		25mm gap Cess Welding and finishing of weld to meet the prescribed tolerances and pass all stipulated tests with Contractor's labour, materials, consumables, tools, equipments etc. to complete the work in all respect as per IR's "Manual for Fusion Welding of Rails by Alumino - Thermic Process" with latest correction slips, including all required handling and rehandling of rails, marking of welded joint, painting weld collar with anticorrosive paint, as directed by Engineer in charge. Note: 1. Welding shall be carried out only by trained welder having valid competency certificate using RDSO approved Alumino Thermit Welding Portions, 3 piece prefabricated mould (Zircon washed) manually pressed, Single shot crucible fitted with auto tapping thimble and Compressed Air Petrol/LPG preheating technique as per RDSO Specification No IRST/19-2020 with latest amendment. 2. Hydraulic Weld trimmer shall be used for chipping and profile Grinder for finishing.				
46	092042	For 60 Kg/60EI - R260 grade Rail	Each	594.00	3251.63	1931468.22

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Flash Butt Welding of 90 UTS rails and finishing of weld to meet the prescribed tolerances and pass all stipulated tests, conforming to IR's Manual for Flash Butt Welding of Rails with latest amendment, using contractor's self-propelled rail cum road / Mobile FBW Plants, tools, equipments and consumables. Item also includes painting with anticorrosive paint as approved and marking of welded joints, pre-straightening & post-straightening of panels and USFD testing of finished weld as directed by Engineer in-charge.				
47	093012	60 Kg on Cess	Each	63.00	3900.10	245706.30
48	113010	Cess repair/widening work as per RDSO Specifications and guidelines RDSO/2020/GE: IRS-0004 or latest in running line with suitable soil to the designed profile The work shall include uprooting and disposing of all the vegetation, benching at every 30 Cm vertical height, earthwork in benching portion and compaction using suitable slope vibratory Rollers/Compactors etc. to achieve prescribed MDD. Note: 1. Payment of cess repairs shall be based on the quantities worked out from the cross sectional calculations only and worked out from the initial ground levels before doing benching and final levels as done for new embankment. The earth work in benching portion shall not be paid extra as the same has been included in the rate. 2. The earth work shall be started only after Completing of the benching and certified. 3. The benching Work shall be done for a maximum height of 1.50 m at any time based on the progress of earthwork starting from toe of the embankment.	cum	300.00	303.63	91089.00
49	113020	Extra over item 113010 for earth-work for making cess on other side of the track (when no approaches available along track or no road vehicles to work at site) by dumping contractor's own earth, collected along toe of bank of any height on to other side of track & side slope of the existing bank by head load, duly crossing of tracks with all contractor's materials, labour, tools, plant including loading of earth in baskets, lifting, leading to the non-cess side of bank including crossing of tracks & dumping etc. and as directed by the Engineer in-charge.	cum	50.00	30.36	1518.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

50	121010	Dismantling of existing LWR/SWR track of any structure, removing rails, sleepers, fish plates, cutting of rails, segregation and stacking of released Rails, Sleepers and fitting at nominated location in countable manner within a free lead of 500m, levelling of ballast to correct profile for laying new track over it, all as per direction of Engineer-in-Charge.	TRM	1035.00	189.06	195677.10
		Shifting & pairing of rails / panels unloaded alongside existing running track to adjoining formation of a new line including crossing of one track, duly lifting & pushing rail / panel without damaging it and taking all necessary precautions, so as not to infringe the running track, as directed by Engineer in-charge. Note: The rail barricading, if disturbed during working, should be restored to its original condition by the agency including re-fixing & concreting as required.				
51	122011	Rail length up to 13m - Under Traffic Block	RM	1300.00	19.94	25922.00
52	122012	Rail length up to 13m - Under Conditions not requiring Traffic Block	RM	1300.00	16.24	21112.00
53	122013	For rails/panels of more than 13m and up to 40m length - Under Traffic Block	RM	2210.00	29.54	65283.40
54	122014	For rails/panels of more than 13m and up to 40m length - Under Conditions not requiring Traffic Block	RM	2210.00	21.06	46542.60
55	122015	For rails/panels of more than 40m length - Under Traffic	RM	5570.00	43.24	240846.80
56	122016	For rails/panels of more than 40m length - Under Conditions not requiring Traffic Block	RM	5570.00	30.71	171054.70
57	122017	Extra over item No 122011 for crossing each additional line	RM	1300.00	1.99	2587.00
58	122018	Extra over item No 122013 for crossing each additional line	RM	2210.00	2.95	6519.50
59	122019	Extra over item No 122015 for crossing each additional line	RM	5570.00	4.32	24062.40
		Providing Centre Line / Rail Level, reference Pegs on formation at an interval of 30 metres on one side or at centre of proposed / existing track, as directed by engineer in-charge for linking of new track / CTR / Deep Screening / Lifting / Lowering works, duly embedding in formation including marking with contractor's paint. Note: (1) Rails/tie bar of suitable size bar shall be supplied by the Railways from nearest Stores Depot. In case of hard wood peg, the hard wood will be supplied by the contractor. (2) Excavation and concrete work, if required, will be paid separately.				
60	123013	With contractor's hard wood pegs of 50 mm dia and 60 cm long	Each	210.00	130.28	27358.80

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

61	123020	Installation of reference points for track centre line in main and loop lines, in straight or curve portion, SRJ for turnouts, heel of crossing (HOC), locations of derailing switches, switch expansion joints etc. away from formation on firm ground at known offset with MS Angles of 50mmx50mmx5mm thick of length 1.80 m each, founded in concrete block of size 30cm x 30cm x 45cm of nominal mix 1:3:6, including painting to reference pegs with two coats of enamel paints on exposed surface, as directed by Engineer In charge. Note: Earth work and Cement concrete will be paid under relevant items.	Each	200.00	675.30	135060.00
62	123030	Spreading of ballast, from existing stacks available along formation on top or at cess, in required uniform thickness, compaction of ballast layer laid on new formation at all the locations with smooth wheeled power roller of 8-10 tonne capacity to sufficient number of passes to form consolidated ballast bed of approximately 250mm thickness to a width of 4m symmetrical to centre line of proposed track in correct line & level with all ascents & descents, as directed by Engineer in-charge. Note: Item is inclusive of (a) providing ramp for taking roller to formation and removing the same & making good formation after completion of work; (b) redistribution & leveling of excess ballast while rolling to obtain uniform plane cambered surface.	cum	25100.00	43.18	1083818.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Linking of BG track (except at LC, Bridges and SEJs) with any type of rail section and sleeper of specified density, on ballast bed spread and compacted with suitable roller, over prepared formation including leading free rails/welded panels available along the alignment on to formation, leading and spreading all fittings and fastenings, spreading of sleepers at specified spacing, squaring, placing of rails over sleepers and fixing rails to sleepers with all types of fittings and fastenings to correct gauge & alignment, lubrication of fittings and fastenings with contractor's grease as per IRPWM standards with contractors labour, tools, consumables, with all lead, lifts etc. complete and raising, levelling and initial packing of track to make it fit for 30 kmph and meet other prerequisites prescribed in Indian Railway Track Machine Manual for deployment of Tamping Machine. Note: 1.Rail cutting and Hole drilling shall be paid separately. 2.Spreading of ballast and compaction shall be paid separately under relevant item.				
63	123041	For sleeper density of 1660 sleepers per km	TRM	6300.00	279.30	1759590.00
64	123042	For sleeper density of 1540 sleepers per km	TRM	500.00	259.35	129675.00
65	123050	Linking of track at level crossing locations as per RDSO drawings with any type of rail section and sleeper on prepared formation including leading free rails/welded panels available along the alignment on to formation, spreading of sleepers at specified spacing, squaring, placing of rails over sleepers and fixing rails to sleepers with all types of fittings and fastenings to correct gauge & alignment, excavating level crossing portion as necessary, fixing check rails to running rails, providing C.C blocks, chairs, anti corrosive painting to running rails and check rails, lubrication of fittings and fastenings with contractor's grease as per IRPWM standards with contractors labour, tools, consumables, with all lead, lifts etc. complete and raising, levelling and initial packing of track to make it fit for 30 kmph and meet other prerequisites prescribed in Indian Railway Track Machine Manual for deployment of Tamping Machine. Note: Rail cutting and hole drilling, if required, shall be paid separately under relevant item.	TRM	100.00	437.48	43748.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Shifting / Slewing the existing or newly assembled track of any rail section with any type of sleepers and any density under line block to correct locations & alignment and attending to one round kutchha packing to run safely at 20KMPH speed with all contractors tools and consumables complete and as directed by Engineer in-charge.				
66	123091	Maximum Shifting / Slewing up to 1 metre	TRM	200.00	207.53	41506.00
67	123092	Maximum Shifting / Slewing for more than 1 metre & up to 2 metres	TRM	100.00	249.07	24907.00
68	124010	Construction of Sanded Dead End as per RDSO's Drawing no. RT-347 (with all amendments) with brick-work using country bricks or CC bricks in mud mortar and filling with river coarse sand, surrounding rails and filling around. Note: Cost of brick and sand is not included in the rate.	Each	1.00	11059.85	11059.85
		Working of the Railway Push Trolley by arranging one Head trolleyman along with 3 trollymen as per Railway's rules and stipulations for conducting inspections by Railway officials and as directed by Engineer in-charge. Note: 1) Labourers supplied should be of skilled in case of head trolleyman and semiskilled in case of trollymen and capable of pushing trolley in all gradients, and levels duly observing all safety precautions as per the manual. 2) The labour engaged should be physically fit for strenuous work, literate and meeting prescribed medical category.				
69	124021	For Full day (8 hrs)	Each	10.00	3453.99	34539.90
70	124022	For Half day (4 hours)	Each	10.00	2223.08	22230.80
		Providing Caution Watchman at a location where caution order is imposed and ensuring to be on continuous vigil and exhibit necessary hand signals to the trains for their passage over caution spot. Note: 1) Prescribed protection equipment shall be supplied by Railways and the same shall be returned after work is over. 2) If Contractor fails to post watchman at any time during one day, penalty at double the accepted rates will be levied and 3) The watchman nominated by the contractor will be screened for suitability as per Railway norms.				
71	124031	For one shift (12 Hrs)	Each	30.00	1237.61	37128.30

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Preparation of completion drawings of yard in AutoCAD, showing all the details, such as circulating area, approach road, platform shelter, platform, FOB etc., showing relevant particulars to appropriate scale as per IR's Engineering Code on approved quality, transparent media as per details supplied by Railways, including submission of check print for proof checking, duly incorporating the suggested corrections and modifications and supplying the final plot on approved quality & transparent media with six copies of ammonia prints complete and soft copy, as directed by Engineer in-charge Note: (i) Drawings shall be prepared by using latest drawing making softwares AutoCAD, Work station etc. and printing shall be done on high end latest plotters. (ii) Stage Payment - (a) For check print - 40% (b) For Paper tracing - 40% (c) For Ammonia print & soft copy - 20%.				
72	124041	Completion drawing of yard at junction station	Each	1.00	9836.08	9836.08
73	124042	Completion drawing of building	Each	1.00	6905.99	6905.99
74	124043	Completion drawing of land plan	Kilometre	5.00	6865.85	34329.25
75	124044	Completion drawing of way side station	Each	1.00	3894.80	3894.80
		Through packing of track, as per procedure prescribed in latest edition of Indian Railways Permanent Way Manual				
76	131011	For PSC sleeper Track with Sleeper Density of 1540 Sleepers/Km or more	TRM	7300.00	104.43	762339.00
		Picking up of slacks in track of all sleeper density, duly opening up ballast, gauging, alignment, correcting longitudinal & cross levels, packing, boxing of ballast and dressing the same under traffic conditions as per procedure prescribed in latest edition of IRPWM and as directed by Engineer in-charge. Note: In-charge section Engineer should identify locations requiring packing and obtain prior approval of DEN/XEN before execution of the work when there is no Zonal Track Maintenance agency deployed in the section.				
77	131021	For PSC Sleeper	TRM	1000.00	89.51	89510.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		First or Second Through Packing of track of all sleeper density including giving a general lift, as desired to eliminate sag after Deep Screening work, lifting of track, lowering of track and major realignment of curves and formation rehabilitation as per procedure prescribed in latest edition of IRPWM. Note: General lift is normally 25 mm and isolated lift may be up to 50 mm.				
78	131032	For PSC Sleeper Track with Sleeper Density of 1660	TRM	7300.00	137.85	1006305.00
		Third or subsequent Through Packing of track for all sleeper density including picking of slacks, as required after second through packing, subsequent to Deep Screening work as per procedure prescribed in latest edition of IRPWM. This item can also be used after lifting/regrading/realignment works also. Note: General lift is normally 25 mm and isolated lift may be up to 50 mm.				
79	131042	For PSC Sleeper Track with Sleeper Density of 1660	TRM	7300.00	106.04	774092.00
		Through packing of points and crossings, derailing switches including gauging, fittings recoupment, ballasting as required, elimination of sag and to the required alignment after Deep Screening as per procedure prescribed in latest edition of IRPWM complete as per direction of Engineer-in-charge. Note: This work shall be operated in exceptional cases with written approval at DEN level when UNIMAT is not available and immediate packing is required to pass train over it.				
80	131051	1 in 8½ PSC layout	Set	1.00	11468.01	11468.01
81	131052	1 in 12 PSC layout	Set	20.00	14919.82	298396.40
82	131054	1 in 8½ Derailing Switch	Set	5.00	1634.45	8172.25

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		De-stressing of LWR/CWR track of any density under traffic line block with contractor's labours, tools, equipments and consumables inclusive of all lead & lift. Activities include cutting of LWR/CWR into convenient panels of specified length, removal of ERCs, liners, greasing of ERCs and liner contact area, lifting rails and keeping them on rollers provided at every 15 sleepers, working out elongation of rail ends depending on prevailing site conditions, pulling rails with the help of Hydraulic Tensor to achieve the desired elongation, cutting rails, as required, removing rollers and placing rail in position, re-fixing ERCs & liners and adjustment of gap at SEJs : Note: (1) Welding of rail joints will be paid separately. (2) Rail cutting and Hole drilling shall be paid separately. (3) Opening and closing of LC if required will be paid separately. (4) As per procedure prescribed in latest edition of IRPWM & CE's Circulars for destressing of LWR/CWR, if any.				
83	135012	With Contractor's Hydraulic Rail tensor	TRM	7300.00	38.27	279371.00
84	135013	Without Rail tensor	TRM	7300.00	34.46	251558.00
85	135020	Providing temporary Buffer Rails of fish plated joints of 3 pairs, measuring 6.5m each, duly removing rails of the existing track including cutting & drilling of rails as required for isolating LWR/CWR on all types of track structure. Work will be done under traffic block condition. Note: 1.Each set comprises of 3 pairs of rails 6.5 m long only. 2.Only Rails fish plate and fish bolts will be supplied free by Railway within free lead of 250m.	Set	10.00	7963.98	79639.80
		Fixing Joggled Fish Plates with bolt / clamp (supplied by Railway from nearest SSE Store) in running track conditions at welds on rail, as directed by engineer in-charge (drilling of holes in rail, if required, shall be paid separately).				
86	136011	With 2 bolts	Set	50.00	110.76	5538.00
87	136012	With 4 bolts	Set	760.00	123.08	93540.80
88	136013	With Clamps	Set	50.00	157.70	7885.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Maintenance of track on main line & loops, Points & crossings etc. including special attention to section for carrying out various maintenance works listed in Indian Railways P.Way Manual / Bridge Manual for safe running of goods and passenger trains with contractor's tools / labours etc. complete, as directed by Engineer in-charge. Note: Contractor shall arrange one gang at any point of time comprising of minimum specified labours with sufficient experience in P.Way working.				
89	136041	One mobile Gang comprising of 15 physically fit labours plus 1 Mate. Note: (1) In case, contractor provides less no. of Labour/Mate or for non availability of vehicle, payment will be deducted for each such person or non-availability of vehicle @ 20% of the accepted item rate, separately for each shortfall. (2) The Contractor shall keep one pick up Truck of minimum 1.5T payload capacity with Driver all the time and all expenditures for running at an average of 80 kms per day shall be born by the Contractor.	Gang Day	60.00	14064.41	843864.60
90	136042	One Gang comprising of 20 physically fit labours plus 1 Mate. Note: In case, contractor provides less no. of Labour/Mate, payment will be deducted for each such labour @ 10% of the accepted item rate.	Gang Day	120.00	15441.61	1852993.20
91	136060	Replacing existing glued joint rail with cut rails or with glued joint rail or insertion of glued joint by cutting existing track under traffic condition by cutting rails, refixing with all rail sleeper fastenings and providing required gaps for carrying out welding as an alternative to drilling holes or joining rails with fish plates duly drilling holes as required including stacking of released material and as directed by engineer in-charge. Note: (1) Drilling holes & rail cutting will be paid separately. (2) Transportation of materials to the site of work from supply points, if more than 250m, shall be paid separately.	Each	50.00	1821.21	91060.50
		Fixing of Wooden Distance Block of size 1.0m x 0.3m x 0.15m between track and platform wall.				
92	136072	With Contractor's hard wood block.	Each	50.00	3263.88	163194.00
93	136090	Cleaning of side drains along the track including disposing of muck beyond Railway boundary as per instructions of Engineer in-charge to keep drains clean and clear in cuttings etc.	RM	1000.00	32.37	32370.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

94	136100	Removing weeds & bushes in ballast section and cess up to 3.95m from centre line of track in mid section & station yard, as specified by Engineer in-charge including disposal of branches, bushes outside cess/yard.	TRM	6300.00	14.90	93870.00
95	136110	Trimming of tree branches coming within 6m of centre line of track & those obstructing views of Curves/LCs / Signal / Indicator at locations in section & station yard, as specified by Engineer in-charge including disposal of branches, bushes outside cess/yard. Note: Girth of more than 20 cm will only be considered as tree branch.	Each	100.00	171.56	17156.00
		Anti-corrosive painting of rail outside track on rail bottom, web, foot and fishing plane with two coats of thickness of 100 microns each by bituminous black paint confirms to IS-9862 of reputed make including surface preparation, as a complete job as per procedure prescribed in latest edition of IRPWM.				
96	137011	For 60 Kg Rails	RM	15000.00	62.95	944250.00
		Anti-corrosive painting of rail on running track of any sleeper density on web, foot etc. including liner contact area (excluding bottom of foot) and fishing plane as per requirement with two coats of thickness of 100 microns each by bituminous black paint confirms to IS-9862 of reputed make including painting of liners, ERCs and including surface preparation, as a complete job as per procedure prescribed in latest edition of IRPWM Note: 60% of payment shall be made if painting on only gauge face side is done.				
97	137021	For 60 Kg Rails	TRM	7750.00	86.13	667507.50
98	137050	Anti-corrosive painting to weld collar for Thermit welded rail joints on track or on cess for new welded joints to protect against severe corrosion for any rail section with one coat of high build epoxy paint (two pack) of reputed make confirming to RDSO Specification M&C/PCN-111/99 on welded area up to 10cm on either side including on the underside of rail foot by brush including surface preparation as per Railway's AT Weld Manual including lettering / weld numbering with approved enamel paint as directed Note: Before painting, dust, loose rust and mill scale and dirt shall be removed thoroughly by wire brushing. Scrubbing welded area with water to make it free from slag and other water soluble compounds to make it dry.	Each	760.00	34.46	26189.60

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Marking, inscribing, painting, writing, bordering etc. on new / old iron surface at various locations of Points & Crossings with details of turn-in / turn-out reference station mark on rail web for one set, duly preparing surface with contractor's wire brush and applying two coats of yellow synthetic enamel paint of approved quality as background and stenciling the details to suitable size, as described for every curve reference station mark / switch / crossing details with black enamel paint of approved quality complete, as directed : Note: Stenciling of letters is only permitted. No hand written letters are accepted.				
99	137072	1 in 12 Turnout	Set	20.00	1113.04	22260.80
100	137074	Derailing Switch	Set	5.00	350.64	1753.20
		Painting 2 coats to various P.Way Reference Post, Structures etc. with enamel paint of approved make with 2 coats of different colours & letters, as directed by Engineer in-charge.				
101	137081	Kilometre & Gradient post	Each	10.00	83.20	832.00
102	137083	LWR / SEJ Board	Each	18.00	141.81	2552.58
103	137084	Level Crossing Boards including Road Sign Boards	Each	10.00	158.01	1580.10
104	137085	Level Crossing Post	Each	10.00	161.65	1616.50
105	137086	Curve Post	Each	12.00	86.21	1034.52
106	137087	Level Crossing Boom including fringe	Metre	20.00	140.25	2805.00
107	137088	Level Crossing Boom without fringe	Metre	20.00	123.52	2470.40
108	137089	Curve Board	Each	4.00	141.81	567.24
109	137090	Curve details, SE, Versine, Station Nos. etc. per station.	Each	500.00	51.42	25710.00
		Painting 2 coats to Bridge Reference / Boards, Structures etc. along track with enamel paint of approved make with different colours & letters, as directed by Engineer in-charge.				
110	137102	Bridge Tablet	Each	2.00	41.71	83.42
111	137105	Miscellaneous General Boards, Jurisdiction Boards, Structures etc.	Sqm	100.00	98.98	9898.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Carrying out USFD testing of Alumino Thermic (AT) welds on all types of rails, using 0° (2 MHz) double crystal; 70° (2 MHz) 20mm x 20mm single crystal probe for head & flange testing; 2 nos. 45° (2 MHz) single crystal with tandom rig for testing from rail top to bottom & for half moon testing and 70° (2 MHz) 20mm x 20mm side looking probe by NBC (Need Based Concept) method under traffic conditions as per provisions of IR's "Manual & Specifications for Ultrasonic Testing of Rails and Welds" & related instructions duly marking the defects, submission of daily reports and storing back-up data as specified & directed. The rates are inclusive of contractor's men, materials & machines complete unless otherwise specified and directed.				
112	142011	Track having up to 3 rail panels - With Contractor's USFD machine :	Each	695.00	210.64	146394.80
113	142012	Track having more than 3 Rail panels - With Contractor's USFD machine.	Each	65.00	193.09	12550.85
114	142013	Track having up to 3 rail panels - With Railways' USFD machine including related T&P and probes :	Each	695.00	195.80	136081.00
115	142014	Track having more than 3 rail panels - With Railways' USFD machine including related T&P and probes :	Each	65.00	177.26	11521.90
		Carrying out USFD testing of Flash Butt (FB) & Gas Pressure (GP) welds on all types of rails using 2 single crystal 45° (2 MHz) for head testing and one single crystal 70° (2 MHz) probe for web & flange testing by NBC (Need Based Concept) method under traffic conditions as per provisions of IR's "Manual & Specifications for Ultrasonic Testing of Rails and Welds" & related instructions, duly marking the defects, submission of daily reports and storing back-up data as specified & directed. The rates are inclusive of contractor's men, materials & machines complete unless otherwise specified and directed.				
116	143011	Track having up to 3 rail panels - With Contractor's USFD machine :	Each	10.00	223.17	2231.70
117	143012	Track having more than 3 rail panels - With Contractor's USFD machine :	Each	65.00	204.57	13297.05
118	143013	Track having up to 3 rail panels - With Railway's USFD machine including related T&P and probes :	Each	10.00	208.33	2083.30
119	143014	Track having more than 3 rail panels - With Railway's USFD machine including related T&P and probes :	Each	65.00	190.97	12413.05

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		USFD testing of Switch Expansion Joint (SEJ) by NBC (Need Based Concept) method under traffic conditions as per provisions of "IR's Manual & Specifications for Ultrasonic Testing of Rails and Welds" with latest amendments & related instructions, duly marking the defects, submission of daily reports and storing back-up data, as specified in the special conditions, as applicable to rail testing. The rates are inclusive of contractor's men, materials & machines complete unless otherwise specified and directed. Note: One set consists of both SEJ on left and right rail.				
120	144011	With Contractor's USFD machine	Set	18.00	1579.28	28427.04
121	144012	With Railway's USFD machine including related T&P and probes	Set	18.00	1477.27	26590.86
122	144020	Providing an assisting gang comprising of 4 men per day with SSE/P.Way/ USFD for carrying out ancillary works viz., lookout, watering, paint marking and handling machine for USFD test with Single Rail Tester (SRT) machine and as directed by Engineer in charge. Note: 1. This item shall be operated only when there is no departmental staff available and only with the prior approval of concerned Sr. DEN/Co-ordination. 2. In case, contractor provides less no. of Labour, payment will be deducted for each such person @ 50% of the accepted item rate.	Gang Day	10.00	2769.48	27694.80
123	144030	Providing an assisting gang comprising of 6 men per day with SSE/P.Way/ USFD for carrying out ancillary works viz., lookout, watering, paint marking and handling machine for USFD test with Double Rail Tester (DRT) machine and as directed by Engineer in charge. Note: 1. This item shall be operated only when there is no departmental staff available and only with the prior approval of concerned Sr. DEN/Co-ordination. 2. In case, contractor provides less no. of Labour, payment will be deducted for each such person @ 1/3 rd of the accepted item rate.	Gang Day	10.00	4147.53	41475.30

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Dismantling of existing Turnout by removing switches, rails, crossings, check rails, sleepers and all fixtures and stacking all released materials, removing ballast and muck by excavating up to required depth, preparation of formation bed, laying of pre assembled Turnout by Railway's T-28 machine, linking of track with all fittings, filling up of ballast duly screened, packing, adjusting, opening & housing of switch, testing operation of switch assembly and attending track parameters, so as to make track fit for 20 kmph speed including disposing off muck to indicated places up to free lead after the block working etc. complete. Note: Rate includes making necessary preparation for T-28 machine movement like preparation of approaches, transportation and laying of wooden sleepers/blocks, etc.				
124	153011	1 in 8½ Turnout	Each	1.00	53250.63	53250.63
125	153012	1 in 12 Turnout	Each	9.00	61300.73	551706.57

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Carrying out pre-tamping, during tamping and post-tamping work for tamping track with all types of rails, sleepers & sleeper density by various Track Tamping machines, like CSM,DUO/3X Machines which include : (1) Re-adjustment of ballast, heaping-up of ballast, filling-up of cavities in tamping zone by picking ballast from stacks / shoulders / crib of adjoining track up to lead of 50 m to ensure effective packing; (2) Clearing of ballast on sleepers to make them visible to operator, (3) Clearing of ballast over rail foot to facilitate holding of rail by rollers of TTRM; (4) Digging, screening and replenishment of ballast at mud pumping / rounded ballast in sleeper crib location; (5) Tightening of loose fittings immediately before & after tamping; (6) Replacement of broken / missing fittings supplied by Railway; (7) Correcting displaced sleepers to position along with squaring; (8) Re-setting of worked-out / fallen fittings. (9) Removing and re-fixing joggled fish plates & wooden blocks, wherever necessary; (10) Manual consolidation of ballast in crib / shoulders; (11) Removing and refixing of traction bonds during the block in electrified sections (12) Dressing of ballast Note: 1. Tamping blocks are not identical & it may be given at any time either during day or night. 2. Stages of payment a) 30% of the rate will be paid on completion of pre tamping attention, b) Balance 70% of the rate will be paid on completion of post tamping. 3. Recovery at the rate of twice the above applicable rate will be effected in case contractor fails to carry out pre/during/post operation. 4.Payment shall be made only once in irrespective of numbers of TTRM packing round and after restoration of normal speed and restoration of complete ballast profile.				
126	155011	For day time block working	TRM	6300.00	19.07	120141.00
127	155013	New Line Section, not opened for traffic	TRM	6300.00	10.44	65772.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Pre, during & post tamping operations, for tamping of track on level crossing portion on all types of track structure and density, during traffic block, duly opening the road surface by digging up to the required width and up to 50mm below bottom of sleeper to facilitate tamping, removing and refilling ballast, adjustment of deficient ballast if necessary by picking from adjoining track/shoulder/cribs, removing and refixing all inter locking gears interfering, removing and re-fixing of check rails and painting of running rail & check rail with coal tar emulsion, completing road surface to smooth motorable condition after tamping is over, including tightening of loose fittings, replacement of broken/missing fittings, correction of displaced sleepers to correct position and as directed by Engineer in charge.				
128	155022	Level crossing with CC block surface	Sqm	20.00	332.30	6646.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Carrying out pre-tamping, during tamping and post-tamping works for tamping of Turnouts of all types Under Traffic Block Conditions which include :(1) Re-adjustment of ballast, heaping-up of ballast, filling-up of cavities in tamping zone by picking ballast from stacks / shoulders / crib of adjoining track up to lead of 50 m to ensure effective packing; (2) Clearing of ballast on sleepers to make them visible to operator; (3) Clearing of ballast over rail foot to facilitate holding of rail by rollers of UNIMAT; (4) Digging, screening and replenishment of ballast at mud pumping / rounded ballast in sleeper crib location; (5) Tightening of loose fittings including check rails immediately before & after tamping; (6) Replacement of broken / missing fittings supplied by Railway; (7) Correcting displaced sleepers to position along with squaring; (8) Re-setting worked-out / fallen fittings; (9) Removing and re-fixing joggled fish plates & wooden blocks, OHE bonds & other obstructions, wherever necessary ;(10) Removing and re-fixing stretcher bar, as directed; (11) Adjustment in opening and housing of switch for testing operation of points (12)Manual consolidation of ballast in cribs and shoulders; (13) Stages of payment a) 30% of the rate will be paid on completion of pre tamping attention, b) Balance 70% of the rate will be paid on completion of post tamping; (14) Recovery at the rate of twice the applicable rate will be effected in case contractor fails to carry out any of the pre/during/post operation.				
129	156011	1 in 8½ Turnouts (Under Traffic Block Conditions)	Set	1.00	9359.98	9359.98
130	156012	1 in 12 Turnouts (Under Traffic Block Conditions)	Set	20.00	10890.55	217811.00
131	156015	Derailing Switch (Under Traffic Block Conditions)	Set	5.00	3446.18	17230.90
		Extra Over Item Numbers 156011 to 156015 for night block working				
132	156021	Extra to Item no. 156011 for night block working	Set	1.00	1404.00	1404.00
133	156022	Extra to Item no. 156012 for night block working	Set	20.00	1633.58	32671.60
134	156025	Extra to Item no. 156015 for night block working	Set	5.00	516.93	2584.65
		Carrying out pre-tamping, during tamping and post-tamping works prescribed in current version IRTMM/IRPWM for tamping of Turnouts of all types Under Conditions not requiring Traffic Block.				
135	156031	1 in 8½ Turnouts	Set	1.00	5615.99	5615.99
136	156032	1 in 12 Turnouts	Set	20.00	6534.33	130686.60

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

137	156035	Derailing Switch	Set	5.00	2067.71	10338.55
138	157010	Carrying out various miscellaneous works, for proper upkeep of crew rest van / rest room as directed by machine in-charge of Track Machines by providing a team of 2 labours for 12 hours shift, broadly mentioned hereunder: (1) Bringing water from nearby source and cleaning machine with water jet or any suitable means; (2) Fuelling machine duly bringing diesel / hydraulic oil from the stacked drums; (3) Bringing water to staff rest van or staff rest room, cleaning rest van / rest room, cooking food for Track Machine staff or bringing food from outside (cost of food shall be borne by the staff concerned).; (4) Guarding & watching machines, spare parts, oils, grease etc. during day and night time at all locations, wherever necessary, as instructed by the machine in-charge; (5) In case, contractor provides less no. of Labour/Mate, payment will be deducted for each such person @ 75% of the accepted item rate.	Shift	30.00	1391.43	41742.90
		Quick cutting with abrasive rail cutter of all types of rail sections including wear resistant, head hardened rails up to 110 UTS, with contractors tools & plants, equipment, consumable with all lead & lift etc. complete as directed by Engineer in-charge. Abrasive Rail Cutter will be as per RDSO Specification No. TM/SM/1 (Rev. 01 of 2012) with latest status of RDSO; Rail Cutting Wheel Abrasive Disc will be as per RDSO Specification No. TM/SM/2 (Rev. 01 of 2020)				
139	161011	60 Kg - 110/90 UTS - Outside Track	Each	3300.00	162.22	535326.00
140	161014	60 Kg - 110/90 UTS - On Running Line	Each	500.00	210.39	105195.00
141	161015	52 Kg - 90 UTS- On Running Line	Each	10.00	171.70	1717.00
		Drilling holes of 16 mm to 32 mm dia. with Rail Drilling machine including chamfering with appropriate chamfering tools in all types of rail section with contractor's tools & plants, equipment, consumable with all lead & lift etc. complete, as directed by Engineer in-charge. Rail Drilling Machine will be as per RDSO Specification No. TM/SM/3, dated 24.04.1991.				
142	161041	Outside Track	Each	11200.00	53.88	603456.00
143	161042	On Running Line	Each	2000.00	70.49	140980.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

144	163010	Measuring of Toe Load of ERC during service in field by Toe Load Measuring Device (Mechanical) with contractor's tools & plants, equipment, consumable with all lead & lift etc. complete, as directed by Engineer in-charge. Toe Load Measuring Device (Mechanical) will be as per RDSO's Specification No. TM/SM/14 (Rev. 01 of 2005 with all updation).	Each	465.00	4.25	1976.25
145	163020	Measuring of Toe Load of ERC during service in field by Electronic Toe Load Measuring Device with contractor's tools & plants, equipment, consumable with all lead & lift etc. complete, as directed by Engineer in-charge. Electronic Toe Load Measuring Device will be as per RDSO's Specification No. TM/SM/ETLMD/218 dated 13.9.2012.	Each	465.00	4.66	2166.90
146	163030	Extraction of jammed ERC by Heavy Duty Hydraulic Extractor with contractor's tools & plants, equipment, consumable with all lead & lift etc. complete, as directed by Engineer in-charge. Heavy Duty Hydraulic Extractor for jammed ERCs (10 Ton capacity) shall be used as per RDSO's Specification No. TM/SM/6, dated 8.05.1991.	Each	200.00	35.93	7186.00
		Loading of rails of any section and length up to 13 metres in Wagons / Truck / trailer including lead up to 50 metres and lift up to 5 metres.				
147	171014	In Wagon where mechanical handling is possible and traffic block is not required or in Truck/trailer.	MT	905.00	119.83	108446.15
		Loading of tongue rail, stock rail, switch assembly and crossings of any section and length, SEJ, Glued joint etc. with / without P.Way fittings and fastenings, in Wagon / Truck / trailer including lead up to 250 metre and lift up to 5 metre.				
148	171024	In Wagon where mechanical handling is possible and traffic block is not required or in Truck/trailer.	MT	115.00	118.89	13672.35
		Loading, leading and unloading of 52Kg / 60Kg rail up to 13 metre length by Railway's Rail Dolly / Dip Lorry to the nominated location under traffic with line protection in case road carriage is not possible with different lead with a lift up to 5 metre during block period.				
149	171031	For lead up to 500 metre.	MT	200.00	385.33	77066.00
150	171032	For lead beyond 500 metre and up to 1 Km.	MT	200.00	496.47	99294.00
151	171034	Extra to Item no. 171031 and 171032 with contractor's Rail Dolly / Dip Lorry	MT	400.00	16.85	6740.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Loading, unloading and hauling of 52Kg / 60Kg rail more than 13 metre and up to 39 metre length by Railway's Rail Dolly / Dip Lorry to the nominated location under traffic and line protection in case road carriage is not possible for different leads and lift up to 5 metre.				
152	171041	For lead up to 500m	MT	133.00	433.31	57630.23
153	171042	For lead beyond 500 metre and up to 1 Km	MT	133.00	630.25	83823.25
		Unloading of rails of any section and length up to 13 metre, in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/trailer including lead up to 50 metre, lift up to 5 metre and stacking in prescribed manner.				
154	171053	From Wagon where mechanical handling is possible and traffic block is not required or in Truck / trailer.	MT	905.00	88.97	80517.85
		Unloading of all type of rails of length 130 metre and beyond from end unloading rake and keep the panels in head-up position at specified distance from centre of track clear from any infringement.. Note: Contractor has to keep Oxygen and Acetylene gas with cutter as standby during the period of work.				
155	171071	During period of traffic block	MT	905.00	29.59	26778.95
156	171072	Not involving traffic block	MT	905.00	24.78	22425.90
		Loading, leading and unloading of PSC Sleepers of 52Kg / 60Kg by Railway's Rail Dolly/ Dip Lorry to the nominated location under traffic in case road carriage is not possible for different leads and lift up to 5 metres.				
157	172031	For lead up to 500 metres	MT	400.00	300.00	120000.00
158	172032	For lead beyond 500 metre and up to 1 Km	MT	400.00	444.11	177644.00
		Loading, leading and unloading of all types of P.Way fittings and all other miscellaneous material except Rails, sleepers, switches, crossings, SEJs and Glued Joints by road vehicles for different leads. Note: Lead shall be the shortest motorable road length between the points of loading and unloading.				
159	172047	Lead beyond 100 Km and up to 150 Km	MT	75.00	980.11	73508.25
		Transportation of Rails, sleepers, switches, crossings, SEJs and Glued Joints by road vehicles for different leads. Note: 1. Lead shall be the shortest motorable road length between the points of loading and unloading. 2. Loading and unloading shall be paid extra under relevant items.				
160	172055	Lead beyond 30 Km and up to 50 km	MT	1540.00	324.62	499914.80

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

161	172056	Lead beyond 50 Km and up to 100 Km	MT	2415.00	541.38	1307432.70
162	172057	Lead beyond 100 Km and up to 150 Km	MT	1825.00	865.27	1579117.75
		Unloading of 52kg / 60kg PSC line and special sleepers up to 2.75 metre length in Depot / Station / Mid-section between stations in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/Trailer with crane or any other means including crossing of one track and lead up to 250 metre & lift up to 5 metre with contractor's labour, tools & plants, machinery, consumables etc. Note: In case of any damage to sleeper during loading, penalty @ 50% of the all inclusive cost of sleeper shall be levied.				
163	172063	From Truck / Trailer	MT	3990.00	87.50	349125.00
		Unloading of 52kg / 60kg PSC special sleepers beyond 2.75 metre length in Depot / Station / Mid-section between stations in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/Trailer with crane or any other means including crossing of one track and lead up to 50 metre & lift up to 5 metre with contractor's labour, tools & plants, machinery, consumables etc. Note: In case of any damage to sleeper during loading, penalty @ 50% of the all inclusive cost of sleeper shall be levied.				
164	172073	From Truck / Trailer	MT	1050.00	90.49	95014.50
		Spreading of New / SH , normal or wider base PSC sleepers from stack along track on either side for different leads with all lifts by any means.				
165	172081	For a lead up to 500m	Each	11500.00	69.46	798790.00
		Unloading of Switches / Crossings / SEJ Rails / Glued Joints of any rail section and length with or without P.Way fittings & fastenings in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/Trailer with lead up to 250 metre & lift up to 5 metres.				
166	173013	From Truck / Trailer	MT	115.00	119.99	13798.85
167	173020	Unloading all types of P.Way fittings and fastenings for Railway usage from Truck and stacking with lead up to 250 metre & lift up to 5 metre.	MT	50.00	139.14	6957.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Collection, segregation and stacking of various scattered P.Way materials at nominated stacking location with serviceable and un-serviceable ones separately within a lead up to 500 metre and lift up to 5 metre including crossing of track(s) wherever necessary as directed by Engineer-in-Charge.				
168	173031	Rails, switches, crossings, SEJ, Glued Joints, Check Rails etc.	MT	200.00	381.86	76372.00
169	173032	All type of PSC sleepers	MT	920.00	416.98	383621.60
170	173033	P.Way fittings of all types and other similar loose items	MT	15.00	387.38	5810.70
171	173040	Stacking of glued joints in single layer for electrical testing, in such a manner that glued joints - (a) shall not touch ground, (b) shall not touch one another, (c) shall not touch any rail or any metallic body, (d) shall not be water-logged from any side and (e) end post shall not rest on supports of glued joint	Each	200.00	65.18	13036.00
		Manufacturing, fabricating and supplying retro-reflective Engineering Indicator boards, made of 2mm thick aluminium sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activated retro-reflective sheeting conforming to type-IV of ASTM-D4956-01 in yellow & black or other colour combination including subject matter, message, symbols, borders etc. as approved by Engineer In-charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back-support frame of M.S. angle iron of size 25mm x25mm x 3mm provided all along the edges of board with theft resistant measures back side of board shall be with non-peelable weatherproof paint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed.				
172	202021	Caution Indicator Board of size 1400mmx400mm with back support frame fixed to vertical post of MS angle of size 50mmx50mmx6mm of 3650 mm long	Each	10.00	6298.57	62985.70

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

173	202022	Speed Indicator Board of equilateral triangular shape having each side of 1000mm with back support frame fixed to vertical post of MS angle of size 50mmx50mmx6mm of 3650 mm long	Each	28.00	5420.97	151787.16
174	202024	Termination Indicator Board of Circular shape having diameter of 1000mm with back support frame welded to vertical post of MS angle of size 50mmx50mmx6mm of 3950 mm long	Each	10.00	7699.44	76994.40
175	202030	Manufacturing, supplying and fixing Curve Indicator / Point Indicator / SEJ Boards to be provided at various locations on formation, made out of MS sheet 2mm thick of size 450mm x 300mm duly fixed with MS frame of 25mm x 25mm x 3mm angle welded to 50mm x 50mm x 3mm MS angle, 1000mm long post split and bent 100mm at bottom end with all lead & lift as per specification and including painting of details with enamel paint, as directed by Engineer in-charge (Earthwork & concreting will be paid separately)	Each	55.00	1061.27	58369.85
		Painting and fixing MS Indicator Boards of curves, SEJs, Points & Crossings, Gang/section jurisdiction and similar as per standard design including excavation, refilling, concreting in foundation and painting two coats with enamel and luminous paints as directed by Engineer in-charge. Note: Excavation, concrete work and lettering shall be paid separately.				
176	211012	Boards with two posts	Each	55.00	148.69	8177.95
		Erection or removal of temporary Engineering Indicator Board or any other board at specified locations without causing infringement to track etc. complete and as directed.				
177	211021	For erection	Each	30.00	256.65	7699.50
178	211022	For removal	Each	30.00	208.05	6241.50
179	211060	Supply and fixing in position pre-cast cement concrete Fouling Mark as per approved drawing at station yard, duly painting the top surface and slopes with white enamel paint in two coats and inscribed letters with black of Fouling Mark, complete in all respects with all labour, materials including cement, tools and plants etc.	Each	25.00	433.79	10844.75

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

180	211130	Providing and fixing Trolley Refuge of size 3.0m x3.0m on cess, placing with released unserviceable PSC sleepers and keeping them at all four sides of refuge and also placing as matting inside the refuge by keeping them in upside down position with a minimum of 14 sleepers including levelling with earth, excavation, all lead and lift, crossing of tracks, leading the sleepers with in a free lead and lift, handling etc., with all contractor's men material complete and as directed by the Engineer-in-charge. Note: Earth-work will to be paid separately under relevant item.	Each	12.00	4031.93	48383.16
		Hiring of machinery for minor miscellaneous works for short duration including operator/driver, fuel, lubricants and consumable. The contractor shall arrange all statutory permits as required by rules and regulations prevailing in the area of work. Payment shall be made for actual working hours at site.				
181	211201	JCB Backhoe Loaders 3DX Plus or similar with minimum 1.10 cum bucket capacity	Hour	50.00	808.46	40423.00
182	211202	Hydra or similar tyre mounted Pick-n-Carry crane of 12T capacity for misc. works of handling of material	Hour	50.00	940.74	47037.00
183	211210	Arranging labour as and when required by the Engineer in charge, for various works under SSE/P.Way, with contractor's T&P, equipments, hand signal flags, etc. as per specifications, special conditions and detailed scope of work as furnished in the tender and as directed by the Engineer in charge. Note: Item shall be operated with prior approval of concerned Sr. DEN / DEN in charge.	Day	30.00	702.40	21072.00
184	211220	Supplying and filling 50 kg size empty cement polythene bags with Rly. Ballast/moorum/earth/Sand/quarry dust etc. placing the filled bags on the high banks /bridge approaches/nominated place etc. dumping and spreading at the nominated locations to profile under block period with all contractor's labour, tools, plants, loading, unloading, filling, spreading including all lead/lift etc. complete and as directed by the Engineer in charge at site including crossing of track where necessary.	Each	5000.00	11.26	56300.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

185	211250	Manufacturing and fixing buffer stop with Railway supplied rails, cutting, including bending of rails as per plan ,with all contractor's labour, materials, tools, plants etc. and all lead and lift including crossing of track where necessary and as directed by Engineer in charge at site. Note: Excavation, fixing rails in cement concrete, drilling of holes will be paid separately.	Each	6.00	17702.49	106214.94
186	211260	Manufacture and supply of Precast Kilometer Posts of size 1.15 x 0.50 x 0.075 m in RCC 1:2:4 mix, engraving letters and leading to work spot, fixing in position with CC 1:3:6 concrete duly making pits of size as required, painting the post, writing the letters on both sides of the post with 2 coats of enamel paint of approved quality to the Railways drawings/IRPWM with contractor's materials, cement, steel, labour, tools, plant, with all lead and lifts etc., complete as per specifications and as directed by the Engineer-in-charge. Note: Excavation, Concrete and steel work will be paid under relevant items.	Each	10.00	368.00	3680.00
187	211270	Manufacture and supply of Precast gradient Posts of size 1.65 x 0.60 x 0.075 m in RCC 1:2:4 mix, engraving letters and leading to work spot, fixing in position with CC 1:3:6 concrete duly making pits of size as required, painting the post, writing the letters on both sides of posts in 2 coats with enamel paint of approved quality to the Railways drawings/IRPWM with contractor's materials, cement, steel, labour, tools, plant, with all lead and lifts etc., complete as per specifications and as directed by the Engineer-in-charge. Note: Excavation, Concrete and steel work will be paid under relevant items.	Each	10.00	491.09	4910.90
					Total	31507656.98
Schedule	Schedule D-Execution of all work as per schedule					
Item- 4	Deep Screening and Ballast Related Activities under SERUSSOR-2021					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Recoupment of ballast in running line with railway's stone ballast from existing stacks available along alignment either on top of cutting or on cess or at toe of bank by head leads or by any other means and spreading to make up deficiency in the required profile with contractor's labour, tools & plants, as directed by Engineer-in-charge. Note: Payment shall be made based on ballast stack measurement.				
1	082011	For average lead up to 50m and lift up to 5m	cum	100.00	102.86	10286.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

2	083010	Lifting and packing for regrading the existing PSC sleeper track to required height / level in stages not exceeding 75mm or part thereof at a time, providing permissible ramp for the track, insertion of moorum / sand / stone ballast uniformly under the existing track and placing the same to safe approved gradient, gauge, cushion including levelling and one round of through packing to allow train movement at restricted speed of 30 kmph for a specified length with all leads & lifts and fixing, marking, painting rail level pegs at every 30m interval. Note: Lifting of track shall be done in stages as per procedure prescribed in latest edition of IRPWM to get the proposed final level as per approved working profile, as directed by Engineer in-charge.	TRM	1000.00	178.80	178800.00
3	083011	Extra for additional lift over 75mm for every 50mm lift or part thereof up to 275mm for item nos. 083010 for each TRM.	TRM	1000.00	27.67	27670.00
4	083030	Boxing and profiling of ballast as per procedure prescribed in latest edition of IRPWM including cess dressing on both sides of track. The work will include removing excess ballast from track and putting the same in crib and shoulder by leading to a maximum of 50m including crossing of track, deweeding on ballast section etc and as directed by Engineer-In charge.	TRM	7300.00	26.33	192209.00
5	083040	Removing, screening and salvaging ballast from track, duly digging / scarifying ballast by beaters / wire brushes or any mechanical means, leveling and dressing formation with specified cross slope after salvaging ballast, separating muck by screening the salvaged ballast with contractor's 20mm size sieve, stacking of screened ballast for measurement, disposing off muck at specified locations with all lead & lifts as directed by Engineer in-charge. Note: Payment shall be made for quantity of ballast stacked after screening of retrieved ballast from track.	cum	1000.00	309.90	309900.00
		Unloading of ballast from Railway's Hopper Wagons, quantity distribution as per pre-defined site requirement, clearing infringements/jammed ballast, distributing the unloaded ballast uniformly over the track, profiling and boxing following all prescribed safety norms.				
6	084041	Under Traffic Block Conditions:	cum	5000.00	52.67	263350.00
7	084042	Under Conditions not requiring Traffic Block:	cum	5000.00	40.01	200050.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		Unloading of Ballast from Railway's wagons other than Hopper wagons by opening the doors of boxes and pulling & pushing down ballast with rake irons / phowrahs and distributing unloaded ballast uniformly over the track as required, clearing infringements/jammed ballast, profiling and boxing following all prescribed safety norms.				
8	084051	Under Traffic Block Conditions:	cum	500.00	119.65	59825.00
9	084052	Under Conditions not requiring Traffic Block:	cum	500.00	97.92	48960.00
		Manufacturing, supply and stacking of machine crushed Track Ballast conforming to RDSO Specification (IRS-GE-1) with latest correction slips at Railway depot or nominated location. Note: Distance of nearest quarry mentioned in each sub-item is only for the purpose of selecting the items for preparation of estimates/tender schedule, based on the minimum distance between nearest quarry and centre of supply points and will not affect the selection of quarry during physical supply in any way till prescribed specification is met fully.				
10	085014	When distance of nearest quarry is more than 30 km and up to 40 km	cum	2100.00	1446.99	3038679.00
11	085015	When distance of nearest quarry is more than 40 km and up to 50 km	cum	5000.00	1495.32	7476600.00
12	085016	When distance of nearest quarry is more than 50 km and up to 100 km	cum	10000.00	1632.56	16325600.00
13	085017	When distance of nearest quarry is more than 100 km and up to 150 km	cum	8000.00	1877.16	15017280.00
					Total	43149209.00
Schedule Schedule E-Execution of all work as per schedule						
Item- 5 Building, Road, Drain etc. under DSR-2023						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	1.0	CARRIAGE OF MATERIALS				
	1.1	By Mechanical Transport including loading, unloading and stacking				
1	1.1.18	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge.	cum	160	494.1	79056
	2.0	EARTH WORK				
	2.1S	General				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	2.1	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge:				
2	2.1.1	All kinds of soil	Sqm	140	129.85	18179
	2.6	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge.				
3	2.6.1	All kinds of soil	cum	2800	177.5	497000
	2.7	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.				
4	2.7.1	Ordinary rock	cum	400	498.9	199560
5	2.7.3	Hard rock (blasting prohibited)	cum	200	1432.95	286590
	2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
6	2.8.1	All kinds of soil.	cum	700	260.3	182210
7	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and for all lift.	cum	7600	196	1489600
8	2.25A	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	cum	100	700.5	70050
9	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	350	2123.75	743312.5
	2.28	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.				
10	2.28.1	All kinds of soil	Sqm	2000	34.15	68300

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

11	2.31	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	2000	17.6	35200
	2.35	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) :				
	2.35.3	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1 :2 (1 cement : 2 Coarse sand) to match the existing floor:				
12	2.35.3.1	With Chlorpyrifos/Lindane E.C. 20% with 1% concentration	Sqm	950	310.05	294547.5
13	2.36	Extra for levelling & neatly dressing of disposed soil completely as directed by Engineer-in-charge.	cum	10	93.05	930.5
14	2.37	Supply and stacking of Fly ash conforming to IRC- 58 at site, including carriage, loading , unloading & stacking up to any lead(measured stacks will be reduced by 20% for payment).	cum	50	281.05	14052.5
15	2.38	Filling with available fly ash and earth (excluding rock) in trenches or embankment in layers (each layer should not exceed 15 cm), with intermediate layer of compacted earth (Soil density of 98%) after every four layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth having total minimum compacted thickness 30 cm or as decided by Engineer -in-charge, including compacting each layer by rolling/ ramming and watering, all complete as per drawing and direction of Engineer -in - charge.	cum	50	308.2	15410
	4.0	CONCRETE WORK				
	4.1S	CEMENT CONCRETE (CAST IN SITU)				
	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
16	4.1.2	1:1 1/2:3 (1 Cement: 1 1/2 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	100	8340.85	834085
17	4.1.3	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	1500	7878.5	11817750

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

18	4.1.5	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	160	7294.7	1167152
	4.2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:				
19	4.2.3	1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	10	9895.2	98952
	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :				
20	4.3.1	Foundations, footings, bases for columns	Sqm	50	392.15	19607.5
21	4.3.2	Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	Sqm	3200	842.5	2696000
	4.5S	CEMENT CONCRETE PRECAST				
	4.5	Providing and fixing up to floor five level precast cement concrete string or lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, stair cases, etc., including hoisting and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), cost of required Centering complete.				
22	4.5.1	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20mm nominal size derived from natural sources)	cum	20	10105.1	202102
	4.14S	MISCELLANEOUS				
	4.20	Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana/Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete.				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	4.20.1	All works upto plinth level :				
23	4.20.1.2	Concrete of M15 grade with minimum cement content of 240 kg /cum	cum	135	8986.15	1213130.25
24	4.20.1.3	Concrete of M20 grade with minimum cement content of 270 kg /cum	cum	680	9212.6	6264568
	4.20.2	All works above plinth and upto floor V level				
25	4.20.2.4	Concrete of M25 grade with minimum cement content of 300 kg /cum	cum	40	9794.7	391788
	5.0	REINFORCEMENT CEMENT CONCRETE				
	5.1S	CAST IN SITU				
	5.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				
26	5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	600	9045.75	5427450
27	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15 degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	5	11505.5	57527.5
	5.9S	FORM WORK				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
28	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	3400	392.15	1333310
29	5.9.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	Sqm	2600	842.5	2190500
30	5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	750	927.25	695437.5
31	5.9.4	Shelves (Cast in situ)	Sqm	10	927.25	9272.5
32	5.9.5	Lintels, beams, plinth beams, girders, bressummers and cantilevers	Sqm	1100	736.4	810040
33	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	1000	961.3	961300
34	5.9.7	Stairs, (excluding landings) except spiral-staircases	Sqm	200	764.95	152990
	5.9.16	Edges of slabs and breaks in floors and walls				
35	5.9.16.1	Under 20 cm wide	Metre	10	208.55	2085.5
36	5.9.19	Weather shade, Chajjas, corbels etc., including edges	Sqm	100	951.1	95110
	5.12S	PRE-CAST RCC				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

37	5.12	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but , excluding cost of reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	20	10585.9	211718
	5.18	Providing precast cement concrete Jali 1:2:4 (1 cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 6mm nominal size),reinforced with 1.6 mm dia mild steel wire, including centering and shuttering, roughening cleaning, fixing and finishing in cement mortar 1:3 (1 cement: 3 fine sand) etc. complete, excluding plastering of the jambs, sills and soffits.				
38	5.18.2	40 mm thick	Sqm	25	1706.55	42663.75
	5.22S	STEEL REINFORCEMENT				
	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
39	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	95000	107.85	10245750
	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
40	5.22A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	25000	107.85	2696250
	5.33S	DESIGN MIX CONCRETE				
	5.33	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag c e m e n t , admixtures in recommended proportions as per IS: 9103 to accelerate /retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge, for the following grades of concrete.:				
	5.33.1	All works upto plinth level				
41	5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	1460	9504.75	13876935
	5.33.2	All works above plinth level upto floor V level				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

42	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	500	9860.4	4930200
43	5.33.2.2	Concrete of M30 grade with minimum cement content of 350 kg /cum	cum	25	10011.35	250283.75
44	5.33.2.3	Concrete of M35 grade with minimum cement content of 370 kg /cum	cum	25	10162.35	254058.75
45	5.35	Add for using extra cement in the items of design mix over and above the specified cement content therein.	Quintal	1475	733.5	1081912.5
	6.0	MASONRY WORK				
	6.15	General				
	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
46	6.1.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	10	7370.65	73706.5
47	6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	80	7132.25	570580
	6.2	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in:				
48	6.2.2	Cement Mortar 1:6 (1 cement : 6 coarse sand).	cum	10	6295.15	62951.5
	6.125	HALF BRICK MASONRY				
	6.12	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in :				
49	6.12.1	Cement mortar 1:3 (1 cement : 3 coarse sand)	Sqm	10	931.75	9317.5
50	6.12.2	cement mortar 1:4 (1 cement : 4 coarse sand)	Sqm	50	905.05	45252.5
	6.265	EXPOSED BRICK WALL				
	6.34	Brick work with non modular fly ash bricks conforming to IS:12894, class designation 10 average compressive strength in super structure above plinth level up to floor V level in :				
51	6.34.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	275	8962.35	2464646.25
52	6.34.2	Cement mortar 1:6 (1 cement : 6 Coarse sand)	cum	200	8752.55	1750510
	6.45	Half brick masonry with non modular fly ash bricks of class designation 10, conforming to IS :12894, in super structure above plinth and upto floor V level				
53	6.45.2	Cement mortar 1 : 4 (1 cement : 4 coarse sand)	Sqm	70	1105.8	77406

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

54	6.47	Providing and laying Autoclaved Aerated Concrete (AAC) blocks masonry with 150 mm to 300 mm thick with Grade -1 AAC blocks of density 551 to 650 kg/cum conforming to IS: 2185 (Part 3) in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for separately).	cum	460	8333.65	3833479
	8.0	CLADDING WORK				
	8.15	General				
	8.2	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels				
	8.2.2	Granite stone slab colour black, Cherry/Ruby red				
55	8.2.2.1	Area of slab upto 0.50 sqm	Sqm	10	5413.5	54135
56	8.2.2.2	Area of slab over 0.50 sqm	Sqm	10	5136.3	51363
	8.9	Stone tile (polished) work for wall lining over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and cement slurry @ 3.3 kg/sqm including pointing in white cement complete.				
	8.9.1	8 mm thick				
57	8.9.1.2	Granite of any colour and shade	Sqm	150	3617.55	542632.5
	8.18	Stone work (machine cut edges Veneer work) for wall lining upto 10 m height, backing filled with a grout of 12 mm thick cement mortar 1:3 (1 Cement : 3 coarse sand) and jointed with Cement mortar 1:2 (1 cement : 2 stone dust), including grinding with hand grinder on joints, rubbing and polishing complete. (To be secured to the backing and the sides by means of cramps and pins which shall be paid for separately).				
	8.18.1	Prepolished Kota stone slabs on exposed face.				
58	8.18.1.1	25 mm thick	Sqm	3000	2651.35	7954050
	8.205	STONE WORK DRY CLADDING				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

59	8.31	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sqm	160	1267.95	202872
60	8.32	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including:(a) Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design.(b) Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4 mm thick aluminium composite panel material consisting of 3 mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5 mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF /Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. (c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the	Sqm	100	5015.05	501505

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium items. The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete , as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminium Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places.				
	9.0	WOOD AND P.V.C. WORK				
	9.15	FRAMES AND TRUSSES				
	9.16	Providing and fixing 25 mm thick shutters for cup board etc. :				
	9.16.1	Panelled or panelled & glazed shutters :				
61	9.16.1.1	Second class teak wood including ISI marked anodised aluminium butt hinges with necessary screws	Sqm	10	4402.85	44028.5
	9.18	Providing and fixing Pre-laminated flat pressed 3 layer (medium density) particle board or graded wood particle board IS : 3087 marked, with one side decorative and other side balancing lamination Grade I, Type II exterior grade IS : 12823 marked, in shelves with screws and fittings wherever required, edges to be painted with polyurethane primer (fittings to be paid separately).				
62	9.18.1	18 mm thick	Sqm	30	1245.75	37372.5
63	9.18.2	25 mm thick	Sqm	30	1715.2	51456
	9.20	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.				
64	9.20.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	20	3167.95	63359
	9.21	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:				
65	9.21.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	28	2392.65	66994.2

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	9.40S	MISCELLANEOUS-WOOD WORK				
	9.40	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete :				
	9.40.1	2nd class teak wood				
66	9.40.1.1	50x12 mm	Metre	40	221.1	8844
67	9.40.1.2	50 x 20 mm	Metre	15	271.75	4076.25
	9.46	Providing and fixing chromium plated brass curtain rod having wall thickness of 1.25mm with two chromium plated brass brackets fixed with C.P. brass screws and PVC sleeves etc., wherever necessary complete :				
68	9.46.2	20 mm dia	Metre	15	393.25	5898.75
	9.48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				
69	9.48.2	Fixed to openings /wooden frames with rawl plugs screws etc.	Kg	1100	238.35	262185
	9.55S	BRIGHT FINISHED M.S. FITTINGS				
	9.55	Providing and fixing ISI marked IS:1341 M.S. pressed butt hinges bright finished with necessary screws etc. complete :				
70	9.55.1	125x65x2.12 mm	Each	10	53	530
71	9.55.2	100x58x1.90 mm	Each	10	45	450
	9.57S	COPER OXIDISED MILD STEEL FITTINGS (COPPER OXIDISED AS PER IS: 1378)				
	9.63	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete (Copper oxidised as per IS 1378)				
72	9.63.3	150x10 mm	Each	10	59.45	594.5
	9.72S	BRASS FITTINGS				
	9.74	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :				
73	9.74.1	250x10 mm	Each	15	441.6	6624
74	9.74.2	200x10 mm	Each	30	358.4	10752
75	9.74.3	150x10 mm	Each	15	287.25	4308.75
76	9.74.4	100x10 mm	Each	10	197.5	1975
	9.75	Providing and fixing bright finished brass door latch with necessary screws etc. complete :				
77	9.75.1	300x16x5 mm	Each	2	322.2	644.4
	9.81	Providing and fixing bright finished brass handles with screws etc. complete:				
78	9.81.2	100 mm	Each	2	234.7	469.4
79	9.82	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	Each	10	121.65	1216.5

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

80	9.83	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	Each	4	1124.85	4499.4
	9.87	Providing and fixing bright finished brass hasp and staple (safety type) with necessary screws etc. complete :				
81	9.87.2	115 mm	Each	15	126	1890
	9.88S	CHROMIUM PLATED BRASS FITTINGS				
82	9.88	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	Each	2	998.35	1996.7
	9.90	Providing and fixing special quality chromium plated brass cupboard locks with six levers of approved quality including necessary screws etc. complete.				
83	9.90.2	Size 50 mm	Each	10	333.95	3339.5
84	9.91	Providing and fixing chromium plated brass 50 mm cupboard or wardrobe knobs with nuts complete.	Each	10	151.05	1510.5
	9.92	Providing and fixing chromium plated brass handles with necessary screws etc. complete:				
85	9.92.1	125 mm	Each	5	231.05	1155.25
	9.95S	ANODISED ALUMINIUM FITTINGS (ALL FITTINGS SHALL BE ISI MARKED)				
	9.100	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
86	9.100.1	125 mm	Each	10	66.25	662.5
	9.101	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
87	9.101.1	Single rubber stopper	Each	20	39.6	792
88	9.104	Providing and fixing aluminium tee channels (heavy duty) with rollers & stop end in pelmets as curtain rod.	Metre	15	160.35	2405.25
	9.105S	GYPSUM BOARD PARTITIONS				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	9.117	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance +/-1mm), with wall thickness 2.0 mm (+/- 0.2 mm), corners of the door frame to be jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1mm (+/- 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer- in-charge				
89	9.117.1	Extruded section profile size 48x40 mm	Metre	60	270.2	16212
	9.118	Providing and fixing to existing door frames.				
90	9.118.1	24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (+/- 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (+/- 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (+/- 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (+/- 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).	Sqm	20	2969.25	59385
91	9.129	Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade I Type II), having one side decorative lamination and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge	Sqm	10	2307.35	23073.5

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	9.142	35 mm thick factory made Solid panel PVC Door shutter, made out of single piece extruded solid PVC profiles, 5 mm (+/- 0.2 mm) thick, having styles & rails (except lock rail) of size 95 mm x 35 mm x 5 mm, out of which 75 mm shall be flat and 20 mm shall be tapered (on both side), having one side thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power, including reinforcing with MS tube of size 40 mm X 20 mm x 1 mm, joints of styles & rails to be mitered cut & joint with the help of PVC solvent cement, self driven self tapping screws & M.S. rectangular pipes bracket of size 190 mm X 100 mm of cross section size 35 mm x 17 mm x 1 mm at each corner. Single piece extruded 5 mm thick solid PVC Lock rail of size 115 mm x 35 mm, out of which 75 mm to be flat and 20 mm to be tapered at both ends, having 15 mm solid core in middle of rail section integrally extruded, fixing the styles & rails with the help of solvent and self driven self tapping screws of 125 mm x 11 mm, including providing 5 mm Single piece solid PVC extruded sheet inserted in the door as panel, all complete as per manufacturer's specification and direction of Engineer-in-charge.				
92	9.142.2	Decorative finish (wood grained finish)	Sqm	17	4713.05	80121.85

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	9.147	Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge. Wire mesh / Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS: 3548 & IS: 16231 shall be paid separately.				
	9.147.A1	Two track two panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.				
93	9.147.A1.1	Using R2 series with frame (40 mm & above) x (40 mm & above) & sash (25 mm & above) x (50 mm & above) with zinc alloy (zamak) powder coated touch locks with hook (Height upto 1.2 metre).	Sqm	10	8298.85	82988.5
	9.147.A4	Three track three panels sliding window with two glazed & one wire mesh panels with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

94	9.147.A4.1	Using R2 series with frame (70 mm & above) x (40 mm & above) & both glazed and fly screen sash (25 mm & above) x (50 mm & above) with zinc alloy (zamak) powder coated touch locks with hook. (Height upto 1.2 metre).	Sqm	35	10993.55	384774.25
	9.147.B1	Two track two panels sliding door with Aluminium channel for roller track, wool pile, zinc alloy (zamak) powder coated handle on every panel along with multi-point locking system, adjustable nylon rollers with SS 304 body.				
95	9.147.B1.2	Using R4 series with frame (64mm & above) x (45mm & above) & sash (44mm & above) x (85mm & above). (Height above 2.5 meter).	Sqm	4	7732.85	30931.4
96	9.154	Providing and fixing frame work for partitions/ wall lining etc. made of 50x50x1.6 mm hollow MS tube, placed along the walls, ceiling and floor in a grid pattern with spacing @ 60 cm centre to centre both ways (vertically & horizontally) or at required spacing near opening, with necessary welding at junctions and fixing the frame to wall/ ceiling/ floors with steel dash fasteners of 8 mm dia, 75 mm long bolt, including making provision for opening for doors, windows, electrical conduits, switch boards etc., including providing with two coats of approved steel primer etc. complete, all as per direction of Engineer-in-charge.	Kg	200	166.8	33360
	9.170	Providing and fixing stainless steel fancy handle of approved make fixed with SS screws etc. complete as per direction of Engineer-in-charge.				
97	9.170.1	200 mm	Each	10	186.65	1866.5
	10.0	STEEL WORK				
	10.1S	General				
98	10.1	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	800	117.35	93880
99	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	30000	133.7	4011000
	10.5	Providing and fixing 1 mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer.				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

100	10.5.1	Using M.S. angels 40x40x6 mm for diagonal braces	Sqm	20	5804.35	116087
	10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				
101	10.16.1	Hot finished welded type tubes	Kg	55000	194.4	10692000
102	10.19	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	Kg	800	97.2	77760
103	10.20	Providing and fixing bolts including nuts and washers complete.	Kg	100	159.35	15935
	10.25	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
104	10.25.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	1000	172.6	172600
105	10.28	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, including fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	Kg	1150	772.4	888260
	11.0	FLOORING				
	11.16S	TILE FLOORING				
	11.19	Chequered terrazzo tiles 22 mm thick with graded marble chips of size up to 6 mm in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement :4 coarse sand) :				
106	11.19.3	Dark shade pigment using ordinary cement	Sqm	400	1442.15	576860
	11.20	Chequered precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

107	11.20.1	Light shade pigment using white cement	Sqm	2400	1402	3364800
	11.26S	KOTA STONE FLOORING				
	11.26	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				
108	11.26.1	25 mm thick	Sqm	225	1948.25	438356.25
109	11.27	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	Sqm	10	2354.7	23547
	11.41S	VITRIFIED FLOOR TILES				
	11.41A	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.				
	11.41A.1	Double charge vitrified tile polished finish of size				
110	11.41A.1.1	Size of Tile 600 x 600 mm	Sqm	150	1453.65	218047.5
111	11.41A.1.3	Size of Tile 600 x 1200 mm	Sqm	100	1577.15	157715
	11.41A.3	Glazed Vitrified tiles Matt/Antiskid finish of size				
112	11.41A.3.1	Size of Tile 600 x 600 mm	Sqm	75	1464.85	109863.75

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	11.56	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.				
113	11.56.1	Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent	Sqm	10	4481.3	44813
	12.0	ROOFING				
	12.245	CEILING				
	12.31	Providing 10 mm thick plaster of Paris (gypsum anhydrous) ceiling up to a height of 5 m above floor level, over first class kail wood strips 25x6 mm with 10 mm gap in between and reinforced with rabbit wire mesh fixed to wooden frame (frame work to be paid separately):				
114	12.31.1	Flat surfaces	Sqm	80	1718.95	137516
115	12.31.2	Curved surfaces	Sqm	20	2067.45	41349
	12.37S	RAIN WATER SPOUT AND PIPE				
	12.41	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
116	12.41.1	75 mm diameter	Metre	225	248.8	55980
117	12.41.2	110 mm diameter	Metre	200	377.4	75480
	12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.				
	12.42.1	Coupler				
118	12.42.1.2	110 mm	Each	20	136.15	2723
	12.42.2	Single pushfit Coupler				
119	12.42.2.2	110 mm	Each	20	127.6	2552
	12.42.3	Single tee with door				
120	12.42.3.2	110x110x110 mm	Each	20	234.15	4683
	12.42.4	Single tee without door				
121	12.42.4.2	110x110x110 mm	Each	20	221.35	4427
	12.42.5	Bend 87.5 degree				
122	12.42.5.2	110 mm bend	Each	20	150.35	3007
	12.42.6	Shoe (Plain)				
123	12.42.6.2	110 mm Shoe	Each	20	131.85	2637

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	12.43	Providing and fixing unplasticised - PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.				
124	12.43.1	75 mm	Each	200	369.85	73970
125	12.50	Providing and fixing precast galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05 mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm	2950	738.65	2179017.5
	12.51	Providing and fixing precast galvanised steel sheet roofing accessories of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05 mm) with Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :				
126	12.51.1	Ridges plain (500 - 600mm)	Metre	700	532.35	372645
127	12.51.6	Gutter (600 mm over all girth)	Metre	40	1313.7	52548
	13.0	FINISHING				
	13.1S	CEMENT PLASTER (IN FINE SAND)				
	13.1	12 mm cement plaster of mix :				
128	13.1.2	1:6 (1 cement: 6 fine sand)	Sqm	1500	333.35	500025
	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
129	13.2.2	1:6 (1 cement: 6 fine sand)	Sqm	950	383	363850
	13.4S	CEMENT PLASTER (IN COARSE SAND)				
	13.5	15 mm cement plaster on rough side of single or half brick wall of mix:				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

130	13.5.2	1:6 (1 cement: 6 coarse sand)	Sqm	2000	395.35	790700
	13.16S	6 mm CEMENT PLASTER				
	13.16	6 mm cement plaster of mix :				
131	13.16.1	1:3 (1 cement : 3 fine sand)	Sqm	500	300.45	150225
	13.20S	PEBBLE DASH PLASTER				
132	13.26	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	1500	262.7	394050
	13.37S	INTERIOR FINISHING				
	13.41	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour :				
133	13.41.1	New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre	Sqm	1800	185.65	334170
	13.44S	EXTERIOR FINISHING				
	13.48	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :				
134	13.48.1	Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	Sqm	3150	193.7	610155
135	13.48.2	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	Sqm	40	176.25	7050
136	13.48.3	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	Sqm	80	170.7	13656
	13.50	Applying priming coat:				
137	13.50.3	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works	Sqm	120	67.4	8088
	13.62	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
138	13.62.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	Sqm	40	226.25	9050
	13.63	Painting with aluminium paint of approved brand and manufacture to give an even shade .				
139	13.63.1	Two or more coats on new work	Sqm	1000	146.8	146800
	13.69	Polishing on wood work with ready mixed wax polish of approved brand and manufacture :				
140	13.69.1	New work	Sqm	10	197.65	1976.5

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

141	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	1800	156.05	280890
	14.0	REPAIRS TO BUILDING				
	14.1S	General				
142	14.12	Providing and fixing 16 mm M.S. Fan clamps of standard shape and size in existing R.C.C. slab, including cutting chase, anchoring clamp to reinforcement bar, including cleaning, refilling, making good the chase with matching concrete, plastering and painting the exposed portion of the clamps complete.	Each	25	563.9	14097.5
	15.0	DISMANTLING AND DEMOLISHING				
	15.1S	General				
143	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-charge.	cum	200	3551.25	710250
144	15.6	Extra for scrapping, cleaning and straightening reinforcement from R.C.C. or R.B. work.	Kg	200	9.05	1810
	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
145	15.7.4	In cement mortar	cum	300	2060.2	618060
	15.17	Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in:				
146	15.17.1	R.S. Joists	Kg	5000	3.4	17000
147	15.17.2	Channels, angles, tees and flats	Kg	5000	2.3	11500
148	15.18	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	Kg	31000	5.65	175150
	16.0	ROAD WORK				
	16.1S	ROADS				
149	16.1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.	Sqm	5000	218.9	1094500

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

150	16.2	Extra for compaction of earth work in embankment under optimum moisture conditions to give at least 95% of the maximum dry density (proctor density).	cum	500	24.85	12425
	16.3	Supplying and stacking at site.				
151	16.3.10	Moorum	cum	2000	768.25	1536500
	16.15S	FENCING				
	16.15	Supplying at site :				
152	16.15.1	R.C.C. Standards post/ struts/rails/ pales of mix 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 12.5 mm nominal size) with wooden plugs or 6mm bar nibs wherever required as per direction of Engineer-in- charge (cost of earth works in excavation, concrete works in foundation to be paid separately).	cum	20	32891.2	657824
	16.17	Fencing with R.C.C. post placed at required distance, embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post one side only, provided with horizontal lines and two diagonals of barbed wire weighing 9.38 kg per 100 metres (minimum), between the two posts fitted and fixed with G.I. staples on wooden plugs or G.I. binding wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and concrete to be paid for separately) :- Payment to be made per metre cost of total length of barbed wire used.				
153	16.17.1	With G.I. barbed wire	Metre	100	14	1400
	16.42S	CONCRETE PAVEMENTS				
	16.43	Providing and laying design mix cement concrete of M-30 grade, in roads/taxi tracks/ runways, using cement content as per design mix, using coarse sand and graded stone aggregate of 40 mm nominal size in appropriate proportions as per approved and specified design criteria, providing dowel bars with sleeve/ tie bars wherever required, laying at site, spreading and compacting mechanically by using needle and surface vibrators, levelling to required slope/ camber, finishing with required texture, including steel form work with sturdy M.S. channel sections, curing, making provision for contraction/ expansion, construction and longitudinal joints (10 mm wide x 50 mm deep) by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of Engineer-in-charge (Item of joint fillers, sealants, dowel bars with sleeve/ tie bars to be paid separately).				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

154	16.43.1	Cement concrete prepared with batch mixing machine	cum	1050	10529.35	11055817.5
155	16.44	Extra for providing and mixing hardening compound of approved quality as per manufacturer's specification in cement concrete.	Litre	600	55.5	33300
	16.49S	MISCELLANEOUS				
156	16.50	Providing and fixing Glow studs of size 100x20 mm made of heavy duty body shall be moulded ASA (Acrylic styrene Acrylonitrile) or HIP (High impact polystyrene) or ABS having electronically welded micro- prismatic lens with abrasion resistant coating as approved by Engineer in charge. The glow stud shall support a load of 13635 kg tested in accordance with ASTM D4280. The slope of retro- reflective surface shall be 35 (+/-5) degress to base .The reflective panels on both sides with at least 12 cm of reflective area up each side. The luminance intensity should be as per the specification and shall be tested as described in ASTM I: 809 as recommended in BS: 873 part 4 : 1973. The studs shall be fixed to the Road surface using the adhesive conforming to IS, as per procedure recommended by the manufacturer complete and as per direction of Engineer-in-charge.	Each	50	206.3	10315

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	16.59	Manufacturing, supplying and fixing retro reflective sign boards made up of 2 mm thick aluminium sheet, face to be fully covered with high intensity encapsulated type heat activated retro reflective sheeting conforming to type - IV of ASTM-D 4956-01 in blue and silver white or other colour combination including subject matter, message (bi-lingual), symbols and borders etc. as per IRC ; 67:2001, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class -2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back support frame of M.S. angle iron of size 25x25x3 mm along with theft resistant measures, mounted and fixed with 2 Nos. M.S. angles of size 35x35x5 mm to a vertical post made up to M.S. Tee section ISMT 50x50x6 mm welded with base plate of size 100x100x5 mm at the bottom end and including making holes in pipes, angles flats, providing & fixing M.S. message plate of required size, steel work to be painted with two or more coats of synthetic enamel paint of required shade and of approved brand & manufacture over priming coat of zinc chromate yellow primer (vertical MS-Tee support to be painted in black and white colours).Backside of aluminium sheet to be painted with two or more coats of epoxy paint over and including appropriate priming coat including all leads and lifts etc. complete as per drawing , specification and direction of Engineer-in-charge.				
157	16.59.1	Mandatory/ Regulatory sign boards of 900 mm diameter with support length of 3750 mm	Each	8	7183.35	57466.8

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	16.60	Manufacturing, supplying and fixing retro reflective overhead signage boards made up of 2 mm thick aluminium sheet, face to be fully covered with high intensity and encapsulated lens type heat activated retro reflective sheeting conforming to type - III of ASTM-D-4956-01 as approved by Engineer-in-charge, letters, borders etc. as per IRC : 67-2001 in silver white with blue colour back ground and with high intensity grade, pasted on substrate by pressure sensitive adhesive backing which shall be activated by applying pressure conforming to class II of ASTM-D-4956-01 and fixing the same to the plate of structural frame work by means of suitable sized aluminium alloys, rivets or bolts & nuts @ 300 mm centre to centre all along the periphery as well as in two vertical rows along with theft resistant measures, including the cost of painting with two or more coats of epoxy paint in grey colour on the back side of aluminium sheet including appropriate priming coat. The rate includes the cost of rounding off the corners, lowering down the structural frame work from the gantry, fixing and erecting the same in position all complete as per drawings, specification and direction of the engineer-in-charge.(Structural frame work including M.S. plate to be provided separately. Rectangular area of the sheet only shall be measured for payment).				
158	16.60.1	Overhead inforamatory road signage	Sqm	8	5879.9	47039.2
159	16.62	Providing and applying 2.5 mm thick road marking strips (retro-reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications.	Sqm	150	747.8	112170

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

160	16.79	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paver finisher in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	cum	80	2914.3	233144
	16.91	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.				
161	16.91.1	60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern.	Sqm	2300	1045.65	2404995
162	16.91.2	80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	Sqm	900	1091.5	982350
163	16.93	Providing and placing in position 100 mm thick factory made machine batched and machine mixed Precast RCC Rectangular Covers on drains of footpath of various sizes, of M-25 grade cement concrete for RCC work, including cost of centering, shuttering, reinforcement of 8 mm dia TMT bars of Fe 500 grade @ maximum 100 mm c/c on both ways , neat cement punning on finished surface, properly encased on all edges with 1.6 mm thick , 100 mm wide MS sheet duly painted over priming coat , reinforcement to be welded at edges with MS sheet and providing 2 Nos. 12 mm dia bar for hooks etc including cost of cartage, all leads and lift, handling at site etc. all complete as per direction of Engineer-in-Charge.	Sqm	45	3081.95	138687.75
	17.0	SANITARY INSTALLATIONS				
	17.1S	General				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	17.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231,with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:				
164	17.1.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	11	6767.4	74441.4
	17.2	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :				
165	17.2.1	W.C. pan with ISI marked white solid plastic seat and lid	Each	4	6515.55	26062.2
	17.4	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
166	17.4.1	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Each	5	6258.75	31293.75
	17.6	Providing and fixing one piece construction white vitreous china squatting plate with an integral longitudinal flushing pipe, white P.V.C. automatic flushing cistern, with fittings, standard size G.I. / PVC flush pipe for back and front flush with standard spreader pipes with fittings, G.I clamps and C.P. brass coupling complete, including painting of fittings and cutting and making good the walls and floors etc. wherever required :				
167	17.6.1	Single squatting plate with 5 litre P.V.C. automatic flushing cistern	Each	9	9256.45	83308.05
	17.7	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				
168	17.7.1	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Each	8	2648.85	21190.8

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

169	17.7.6	White Vitreous China Angle back wash basin size 400 x 400 mm with single 15 mm C.P. brass pillar tap	Each	4	1756.85	7027.4
	17.10	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :				
	17.10.1	Kitchen sink with drain board				
170	17.10.1.1	510x1040 mm bowl depth 250 mm	Each	2	6945.6	13891.2
171	17.22A	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	Each	5	1034.8	5174
	17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
	17.28.2	Flexible pipe				
172	17.28.2.1	32 mm dia	Each	14	119.55	1673.7
	17.32	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :				
173	17.32.3	Oval shape 450x350 mm (outer dimensions)	Each	6	1377.1	8262.6
174	17.32.4	Rectangular shape 1500x450 mm	Each	4	2093	8372
175	17.33	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	Each	4	1083.5	4334
	17.34	Providing and fixing toilet paper holder :				
176	17.34.1	C.P. brass	Each	7	803.7	5625.9
	17.35	Providing and fixing soil, waste and vent pipes :				
	17.35.1	100 mm dia				
177	17.35.1.2	Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS: 3989	Metre	50	1180.75	59037.5
	17.36	Providing and filling the joints with spun yarn, cement slurry and cement mortar 1:2 (1 cement : 2 fine sand) in S.C.I./ C.I. Pipes :				
178	17.36.2	100 mm dia pipe	Each	10	198.15	1981.5
	17.38	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.				
	17.38.1	100 mm dia				
179	17.38.1.1	Sand cast iron S&S as per IS - 1729	Each	20	598.5	11970
	17.39	Providing and fixing plain bend of required degree.				
	17.39.1	100 mm dia				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

180	17.39.1.1	Sand cast iron S&S as per IS - 1729	Each	20	470.45	9409
181	17.71	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	Each	11	168.35	1851.85
	17.73	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.				
182	17.73.2	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	Each	11	708.95	7798.45
	18.0	WATER SUPPLY				
	18.4S	PP-R PIPES				
	18.4	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS 15801, UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings and fixing the pipe with clamps at 1.00 m spacing. This includes testing of joints complete as per direction of Engineer-in-Charge. (Internal Exposed on walls)				
183	18.4.1	PN - 16 Pipe, 20mm OD (SDR-7.4)	Metre	450	272	122400
184	18.4.4	PN - 16 Pipe, 40mm OD (SDR-7.4)	Metre	380	545.75	207385
	18.5	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS:15801, UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings and fixing the pipe with clamps at 1.00 m spacing. This includes the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc.				
185	18.5.1	PN - 16 Pipe, 20mm OD (SDR-7.4)	Metre	650	477.85	310602.5
186	18.5.2	PN - 16 Pipe, 25mm OD (SDR-7.4)	Metre	200	515.2	103040
187	18.5.3	PN - 16 Pipe, 32mm OD (SDR-7.4)	Metre	420	561.45	235809

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	18.6	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS:15801 UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, including trenching, refilling & testing of joints complete as per direction of Engineer-in-Charge. External work				
188	18.6.6	PN - 10 Pipe, 63 mm OD (SDR-11)	Metre	320	597.75	191280
189	18.6.8	PN - 10 Pipe, 90 mm OD (SDR-11)	Metre	80	975.3	78024
	18.75	C.P.V.C. PIPES				
	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, and all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. (Internal work - Exposed on wall)				
190	18.7.1	15 mm nominal dia Pipes	Metre	100	286.8	28680
191	18.7.2	20 mm nominal dia Pipes	Metre	100	335	33500
	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.				
192	18.8.1	15 mm nominal dia Pipes	Metre	100	497.8	49780
193	18.8.2	20 mm nominal dia Pipes	Metre	280	537.6	150528
194	18.8.3	25 mm nominal dia Pipes	Metre	100	627.25	62725
	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work				
195	18.9.3	25 mm nominal dia Pipes	Metre	100	355.4	35540
196	18.9.4	32 mm nominal dia Pipes	Metre	100	438.6	43860
197	18.9.5	40 mm nominal dia Pipes	Metre	100	563.05	56305
198	18.9.6	50 mm nominal dia Pipes	Metre	100	794.25	79425
199	18.9.9	100 mm nominal dia Pipes	Metre	100	3271.7	327170

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	18.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work				
200	18.12.2	20 mm dia nominal bore	Metre	120	368.6	44232
	18.15S	BRASS FITTINGS				
	18.16	Providing and fixing brass stop cock of approved quality :				
201	18.16.1	15 mm nominal bore	Each	16	353.25	5652
	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
202	18.17.1	25 mm nominal bore	Each	18	622.4	11203.2
203	18.17.4	50 mm nominal bore	Each	5	1026.65	5133.25
204	18.17.6	80 mm nominal bore	Each	5	2604.55	13022.75
	18.22	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet				
205	18.22.2	150 mm diameter	Each	8	222.35	1778.8
	18.31S	C.I. SLUICE VALVES/ FIRE HYDRANTS & FIXTURES				
	18.31	Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately) :				
	18.31.1	100 mm diameter				
206	18.31.1.1	Class I	Each	10	4791.2	47912
	18.31.3	150 mm diameter				
207	18.31.3.1	Class I	Each	10	6966.55	69665.5
208	18.48A	Providing and fixing rectangular high density polyethylene water storage loft tank with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support including fittings & fixtures for tank shall be paid separately.	Per Litre	10000	11	110000
	18.49S	C.P. BRASS FITTINGS				
	18.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
209	18.49.1	15 mm nominal bore	Each	35	506.8	17738
	18.50	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.				
210	18.50.1	15 mm nominal bore	Each	4	820.7	3282.8
	18.51	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.				
211	18.51.1	15 mm nominal bore	Each	16	798.95	12783.2
	18.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
212	18.53.1	15mm nominal bore	Each	16	574.3	9188.8
	18.54S	PTMT FITTINGS				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	18.54	Providing and fixing PTMT bib cock of approved quality and colour.				
213	18.54.2	15 mm nominal bore, 122 mm long, weighing not less than 99 gms	Each	60	161.2	9672
	18.59S	AIR VALVE & WATER METER (BULK TYPE)				
	18.59	Providing and fixing C.I. double acting air valve of approved quality with bolts, nuts, rubber insertions etc. complete (The tail pieces, tapers etc if required will be paid separately) :				
214	18.59.3	100 mm dia	Each	6	8893	53358
215	18.65	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	Each	16	111.45	1783.2
	18.75	Providing and fixing PTMT extension nipple for water tank pipe, fittings of approved quality and colour.				
216	18.75.1	15 mm nominal bore, weighing not less than 32 gms	Each	16	53.6	857.6
217	18.77	Cutting holes up to 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete so as to make it leak proof.	Each	80	452	36160
	18.90	Providing and fixing required Stainless Steel Fitting of press fit design of grade AISI 304 conforming to JWWA G116 standard with V-profile or M-profile and with O-ring sealing gasket of EPDM material of required dia as per direction of Engineer-in-charge. Elbow 90 degree				
218	18.90.5	For 42.70 mm outer dia pipe	Each	10	221.95	2219.5
219	18.90.6	For 48.60 mm outer dia pipe	Each	10	273.15	2731.5
	19.0	DRAINAGE				
	19.1S	STONE WARE PIPES AND FITTINGS				
	19.1	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :				
220	19.1.1	100 mm diameter	Metre	100	443.6	44360
221	19.1.2	150 mm diameter	Metre	100	695.8	69580
	19.2	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand :10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design :				
222	19.2.1	100 mm diameter S.W. pipe	Metre	100	964.75	96475
223	19.2.2	150 mm diameter S.W. pipe	Metre	100	1179.85	117985

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	19.6	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :				
224	19.6.2	150 mm dia. R.C.C. pipe	Metre	30	556.45	16693.5
	19.7	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :				
	19.7.2	Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) :				
225	19.7.2.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	4	26405.5	105622
	19.19	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality				
	19.19.1	L D- 2.5				
226	19.19.1.1	Rectangular shape 600x450 mm internal dimensions	Each	10	1437.65	14376.5
227	19.19.1.3	Circular shape 450 mm internal diameter	Each	10	1169.65	11696.5
	19.32	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design.				
228	19.32.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	4	26861.9	107447.6
	21.0	ALUMINIUM WORK				
	21.1S	General				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, panelling and dash fasteners to be paid for separately) :				
	21.1.1	For fixed portion				
229	21.1.1.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	100	495.05	49505
230	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	30	530.9	15927
	21.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
231	21.1.2.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	100	598.6	59860
	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):				
232	21.3.2	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	Sqm	75	1505.25	112893.75
	21.8	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.				
233	21.8.1	Upto 5mm depth and 5 mm width	Metre	60	96.75	5805

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

234	21.13	Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	Each	4	528.85	2115.4
235	21.18	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double acting hydraulic floor spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc. to paid separately)	Sqm	40	5325.9	213036
	22.0	WATER PROOFING				
	22.15	General				
236	22.5	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying :(a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours.(b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	Sqm	44	617.05	27150.2
	23.0	RAIN WATER HARVESTING & TUBEWELLS				
	23.15	General				
	23.4	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.				
237	23.4.1	100 mm nominal size dia	Metre	110	686.55	75520.5
238	23.5	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	cum	15	1509.8	22647
	26.0	NEW TECHNOLOGIES AND MATERIALS				
	26.415	NEW TECHNOLOGY ITEMS				

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

239	26.72	Providing and laying 60mm thick factory made cement concrete paver block of approved shape and colour of M -30 grade made of C&D waste by block making machine with vibratory compaction laid in required pattern and including over 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	Sqm	60	829.75	49785
					Total	145243237.20
Schedule Schedule F-Execution of all work as per schedule						
Item- 6 Misc. Work						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Making bores of suitable size rotary drilling using either direct mud circulating method or reverse circulating method with contractor's Rig, Equipments and casing pipes if required. (A) Through all types of soil except rock, stone or boulders for depth. i) From G.L. to 30m.	Metre	60.00	1963.07	117784.20
2	2	Making bores of suitable size rotary drilling using either direct mud circulating method or reverse circulating method with contractor's Rig, Equipments and casing pipes if required. (A) Through all types of soil except rock, stone or boulders for depth. ii) From 30m. to 60m.	Metre	60.00	1952.31	117138.60
3	3	Making bores of suitable size rotary drilling using either direct mud circulating method or reverse circulating method with contractor's Rig, Equipments and casing pipes if required. (A) Through all types of soil except rock, stone or boulders for depth. iii) From 60m. to 90m.	Metre	60.00	1952.31	117138.60
4	4	Making bores of suitable size rotary drilling using either direct mud circulating method or reverse circulating method with contractor's Rig, Equipments and casing pipes if required. (A) Through all types of soil except rock, stone or boulders for depth. iv) From 90m. to 120m.	Metre	40.00	2046.20	81848.00
5	5	Making bores of suitable size rotary drilling using either direct mud circulating method or reverse circulating method with contractor's Rig, Equipments and casing pipes if required. (B) For drilling through rock, stone or boulders etc. below ground level	Metre	40.00	6626.04	265041.60
6	6	Supplying & Installing 300mm dia PVC pipe of '80SCHEDULE' having wall thickness 18 mm of "Ori-plast" or Supreme or anyother approved brand confirming to ASTM D-1785.	Metre	40.00	3065.08	122603.20

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

7	7	Supplying & Installing 200mm dia PVC pipe of '80 SCHEDULE' having wall thickness 12.7 mm of "Oriplast" or Supreme anyother approved brand confirming to ASTM-D1785.	Metre	160.00	1526.78	244284.80
8	8	Supply & Installing of 200mm dia reinforced glass fibre strainer 6mm thick PIONEER or VMT make or approved brand.	Metre	80.00	3566.40	285312.00
9	9	"Supplying following PVC accessories and specials for tube well assemble - a) Nipple 300mm long, 300mm dia - 1 no b) Topcap 300mm dia - 1 no. c) reducer 300x250mm dia - 1 no d) Nipple 150mm long, 250mm dia - 1 no. e) reducer 250x200mm dia - 1 no. f) Tail plug 200mm dia- 1 no."	Each	2.00	12260.29	24520.58
10	10	Supplying including fitting and fixing and jointing in position 300mm dia MS screwed Cap of suitable size.	Each	2.00	1481.93	2963.86
11	11	Packing the annular space around the tube well pipes with 3mm to 6mm size clean gravel with contractors materials.	Each	2.00	2209.23	4418.46
12	12	Supplying and maintaing centering guides (each set comprises of three guides).	Set	90.00	1158.07	104226.30
13	13	Supplying, fitting and fixing welded MS pipes 200mm dia and 1.80m long long bail plug at the bottom containing inside and lowering in plumb in depth below level.	Each	2.00	9817.64	19635.28
14	14	Development of well with contractor's compressor as per direction of the Engineer-in-charge. Note: Here unit Each means Each DT well.	Each	2.00	53997.31	107994.62
15	15	Making trial boring 50mm dia (Each trial bore not more than 300m depth).	Metre	240.00	490.37	117688.80
16	16	Pumping test by continuously or a total of 48 hrs. with contractor's pump, labour and equipments and testing the yield.	Each	2.00	24544.74	49089.48
17	17	Doing electric resistivity test some approved institute like IIT with proper report for each location. One location shall include a testing of minimum 3 (three) nos. of points.	Each	2.00	22089.35	44178.70
18	18	Supplying, fitting, fixing and commisioning of a submersible pump set complete for 5000 GPH capacity with motor name Calama or KSB with suitable starter (make L&T or MEI or Crompton) for 300mm x 200mm dia tube well, 80m head conforming to the requirements as per CEE's specification No. CEE/S/185/Submersible pump/9/98.	Set	2.00	38269.93	76539.86

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

19	19	Painting all types of concrete surfaces with contractor's superior quality enamel paint of specified shades two coats over one coat of primer for back ground and lettering of details (two coats) such as bridges No. spans vertical clearance,type of bridge, Kms and painting to kerbs etc. with contractors painters,labours, materials, scaffolding,brushes including all incidental charges lead , lift , ascent and descent etc. complete as per the directions of Engineer-in-charge.	Sqm	100.00	1303.86	130386.00
20	20	"Launching & de launching of relieving span for the proposed subway portion and relieving the same after completion of the work including all lead, lift etc. complete as directed by Engineer-in-charge of the work (launching & delaunching of relieving span up to 67 ft girder to be done as per schedule directed by Railway) Note: Loading, unloading & transportation will be done by Railway BFR/Railway Cranes. Necessary arrangement for placing the girder to be done by the contractor."	Each Span	3.00	47648.05	142944.15
21	21	Loading/unloading of relieving girder into/from Railway BFR including making temporary staging, linking/lowering the girder on staging, placing the girder safety on BFR/unloading from BFR on to the cess allowing the track including lead up to 30 metre with all contractor's labours, tools and plants including all charges etc. complete.	MT	90.00	1791.83	161264.70
22	22	Loading/unloading of CC cribs/wooden sleepers in to Railways wagon/BFR/from BFR during period of traffic block, including lead up to30m and placing the same on to the cess along the track.	Metre	90.00	394.39	35495.10
23	23	Erection and removal of CC cribs/sleeper cribs as per the approved drawings with contractor's labour, tools & plants etc. completeas directed by the Engineer-in-charge.	Each	90.00	9495.58	854602.20
24	24	Supplying, laying & fixing concrete impregnated concrete canvas 5mm thick at the point of PRCC Boxes in the LHS/ROB/RUB/Bridges including all material, labours, tools & Plants , consumable fixtures, lead lift, transportation etc. complete as per direction of Engineer in charge.	Sqm	100.00	6408.05	640805.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

25	25	Supply of Portland slag cement from reputed manufacturer conforming to :IS 455 with latest correction slips, including all handling, loading, unloading, lead, lift, descent, ascent, transportation storage at site etc.complete.	MT	725.00	7716.32	5594332.00
26	26	Conducting INSITU measurements of deformation modulars (EV2) of the natural ground, compacted layer of embankment, over blanket layer etc. as per the direction of Engineer-in-Charge. The test shall be done as per code specified. The rate is including all taxes, GST, royalty, lead, lift, descent, ascent, road taxes etc. The reports shall be submitted in duplicate.	Each Test	10.00	47547.48	475474.80
27	27	Conducting undrained cohesiion of soil (CU) test for the soil on natural ground, compacted layer of embankment, blanket, prepared formation as per the direction of Engineer-in-charge and submission of reports based on the soil test done. The tests should be done as per IS Code. The rate is including all taxes, GST	Numbers	10.00	3956.39	39563.90
28	28	Carrying out slope stability analysis for Embankments & cutting as per RDSO guide lines for Earthwork in Railway Projects GE-B-1(ANNEXUREIII) for 25T loading-2008 for ifferent heights /depths of formations i.e (a) above 6m & up to 12m. (b) above 12 m & up to 18m (c) above 18m height/depth and submitting the report along with the detailed calculations =, sketches and Revised profile of bank/cuttings, if standard cutting /bank slopes found in adequate during analysis with contractor's own qualified personnel supervision and other resources including all taxes etc. complete in all respects through any Govt. Engineering college.The rate is inclusive of all collecting soil samples from field for sub soil, fill materials and from cutting slopes and condducting necessary Geo- Technical Investigations as required in approved laboratory for carrying out slope stability analysis.	Each	10.00	12087.75	120877.50

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

29	29	Conducting CBR Test on the ground and on the top of layer as decided by the Engineer-in-Charge by suitable method and submission of test reports. The work to be done under the supervision of Rly. Officials. The work to be executed by means of dynamic cone penetration method as per ASTM D.6591.09 and IRC/37/0212. The rate is including all taxes, GST, royalty, lead, lift, descent, ascent, road taxes etc. The reports shall be submitted in duplicate.	Numbers	15.00	2637.60	39564.00
30	30	Manufacturing & supplying push trolley BG complete with umbrella & accessories. The trolley is to be provided with foot rest with chequered plate flooring. The trolley is to be fitted with 4 Nos brackets to develop insulation between wheel set & frame and to prevent dust etc. to enter into ball bearing. The trolley frame is to be manufactured out of 47 mm square aluminium pipe of heavy gauge with plankting system is to be fabricated out of high quality teak wood, MS fabricated wheel of 585 mm dia are to be fitted in the trolley. The trolley should be fitted with efficient breaking system. The trolley frame is to be fitted with 6 nos handles for easy handling, loading & unloading of the trolley on the track. The handles at the corner of the frame & handles in between are of folding type. The push trolley has to be got approved by engineer -In-Charge after a few trial runs it should be able to run 30kmph.	Each	2.00	99636.24	199272.48
31	31	Providing and Laying Jute Geo - Textile (JGT) in slopes of Railway Embankments in accordance with RDSO's guidelines for application of Jute Geo Textile in Railway Embankment and hill slopes No. - RDSO/2007/GE:G - 0008 or its subsequent versions, including incidental earthwork and fixing arrangements with GJ -Type-2 in addition with (a) Providing and Spreading of Bermuda Grass Seeds over the wet Geo Textile Surface as per the Seed Manufacturer, (b) Supplying of Water Tanker With Tractor for 15 days and (c) Hire charges of Pump set of capacity 4000 liters/hour for 15 days complete.	Sqm	8000.00	56.86	454880.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

32	32	Providing and Laying Jute Geo - Textile (JGT) in slopes of Railway Embankments in accordance with RDSO's guidelines for application of Jute Geo Textile in Railway Embankment and hill slopes No. - RDSO/2007/GE:G - 0008 or its subsequent versions, including incidental earthwork and fixing arrangements with GJ -Type-2 in adding with (a) Providing and Spreading of Bermuda Grass Seeds over the wet Geo Textile Surface as per the Seed Manufacturer, (b) Supplying of Water Tanker With Tractor for 15 days and (c) Hire charges of Pump set of capacity 4000 liters/hour for 15 days complete. White board and laminated tiles.Aluminual powder coated trim to be provided on top and side of the frame. Gliding screw to be provided in bottom of the frame for height adjustment/levelling frame height 1200mm .Pedestal of size 400x450x725mm with 3 drawer pedestal unit to be made out of 25mm post form top and 25mm prelaminated water proof ply wood in the side panel and bottom all exposed edges to be covered with 2mm th PVC edgebanding.The back panel to be made of 9mm prelaminated water proof ply board witha provision of central looking facility. All hardware to be from Nexgel, hetich, hafle,or equivalent	Each	20.00	26819.51	536390.20
33	33	Model land scaping of fountain (14'dia) flora water castle fountain water pattern-A group of geysers (consisting of 16 nos of geysers) throwing milk lead water into airproducing an effect 10 feet height (centre) 4 feet (out circle) max(approx.) pump set 2x7.5 HP three phase submersible mono block)umination singled fixed colour (Brilliant white preferred) 17 nos ofwater proof light cable/panel board cable for pump set and light up to 10 mtr distance and suitable panel board shall be supplied	Each	1.00	166621.16	166621.16
34	34	Sand stone horse with Yodha,Sword, Dhala & Hunder of size 8' X6' x 2.50' (Height x width x breadth)	Set	1.00	462992.42	462992.42
35	35	Preparation and submission of Final report giving complete and comprehensive record of investigations, laboratory test reports and calculations in approved format	Each	2.00	18686.94	37373.88
					Total	11995246.43
Schedule Schedule G-Execution of all work as per schedule						
Item- 7 Design & Drawing						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	"Preparation of Design & drawaing for station building & other	Sqm	490.00	139.62	68413.80

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	<p>buildings (Should be as per latest circular). Note: (i) The contractor will carryout detailed survey and prepare GAD and get it approved from Railway. (ii) The rates are inclusive of visits to site if required. The site of the work falls under the jurisdiction of Dy CE (Con-II), KGP. (iii) The above quantities are approximate. The Railway reserves the right to increase/decrease the same. Additional special conditions of contract: i) The Agency will get the design checked from proof consultants. For this purpose Agency will ensure the presence of his representative in the offices of Railway authorities whenever required. Nothing extra will be payable for the above and the rate is inclusive of above. ii) After proof checking from the Consultant, the Agency will have to submit three copies of initial design calculations with 3 ferro copies of drawings to Railway for approval. Design calculation should be clearly written and bound in book form. iii) On clearance of design criteria from Railway for any modification, agency will carry out detailed design again as required and submit the same for checking by proof consultant etc. without any loss of time after clearance of design parameters. He will also be prompt in clarifying the observations/doubts of the proof consultant/Railways. iv) Final copy of all drawing will be submitted on reproducible tracing film (3 copies) & soft copy of Compact Disc (CD) on completion of all design and drawings." In addition to this 3 sets of drawings in ferro copies and three sets of design. Calculation neatly typed and bound (final copy) will also be submitted. v) Design and drawing after approval shall be property of SE Railway who shall have exclusive right to use or reuse it elsewhere. The consultant shall have no claim whatsoever in this regards. vi) In case any minor modification in design is required during the progress of work due to charge of soil strata from that observed during sub-soil investigation or due to any difficulty encountered during execution, the same will be carried out by the consultant without any extra cost to Railways. vii) Based on the design note approved by Rly, the Agency will prepare final general arrangement drawing. Mode of payment: i) Visit to site and collection of field data from site, and detailed design of and</p>			
--	---	--	--	--

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

		preparation of GAD, submission to Railway 3 sets of GAD (Ferro copy), design calculation 3 booklet = 20%. ii) After acceptance of Railway above duly proof checked = 30%. iii) Final submission of drawing approved in item (ii) above in reproducing tracing films 3 copies and soft copy on CD, 3 sets of ferro prints for each drawings, final design calculation booklet. Payment will be made after signature of Railway authorities in final drawing = 50%				
2	2	arrangement drawing for construction of New FOB/Extension/modification to Old FOB for different stations based on CE's standard Type Drawing/RDSO's standard Type Drawings with field survey and measurement of existing FOB required for extension, modification etc as per SOD. The work includes preparation of GAD drawing of launching scheme of extension/ modification of proposed FOB, submission of one copy of dratt drawing for checking at site and Rly offices. Submission of 04 copy of final paper print for the FOB incorporating the details after due compliance On final permission from Railway, necessary Tracing sheet (as per size accepted) shall be submitted. Preparation of documents for sanction of PCE Soft copy in Autocad editable version to be submitted by the agency for final approval of competent Authority. The Rate includes al lead, ift, descend, and ascend, labor, materia's for survey, tracing papers etc. Note for payment conditions: 1. Submission of GAD to Dy.CE/C-IUKGP office-30%. 2. After Division approval: 20% 3. After CBE's approval-40%. 4. After PCE's sanction- 10%"	Numbers	1.00	37500.40	37500.40

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

3	3	"Preparation of design for construction of New FOB for different stations based on CE's standard Type Drawing/RDSO's standard Type Drawings with field survey and measurement etc as per SOD The work includes preparation of technical design, design of foundation of proposed FOB Submission of one copy of design report for checking at Rly offices. On final permission from Railway, necessary 04 copies of final design report duly proof checked from any recognized Govt organization (IIT, NIT, Govt.Engg. College/University etc) for the FOB incorporating the details after due compliance if any shall be submitted by the agency The Rate includes all lead, lft, descend, and ascend, labor, materials for survey, tracing papers etc. Note for payment conditions: 1. Submission of design to Dy.CE/C-II/KGP office-50% 2. After final approval from HQ/GRC: 50%"	Numbers	1.00	100418.00	100418.00
---	---	---	---------	------	-----------	-----------

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

4	4	<p>Preparation of structural design & Drawing of scaffolding for different types multi storied buildings. The Rate includes all taxes, lead, lift, descend, and ascend, labor, materials etc. complete. The above quantities are approximate. The Railway reserves the right to increase/decrease the same. Additional conditions: I) The Design & Drawing will be proof checked from any recognized Govt organization (IIT, NIT, Govt.Engg. College/University etc). The Agency will get the design checked from Railway. For this purpose Agency will ensure the presence of his representative in the offices of Railway Authorities whenever required. Nothing extra will be payable for the above and the rate is inclusive of above. II) After drawing got approved by Railway, the Agency will have to submit three copies of initial design calculations with 3 copies of drawings to Railway for record. Design calculation should be clearly written and bound in book form. III) On clearance of design criteria from Railway for any modification, agency will carry out detailed design again as required without any loss of time after clearance of design parameters. He will also be prompt in clarifying the observations/doubts of the Railways. No extra payment shall be made for any alterations. IV) Design and drawing after approval shall be property of S. E. Railway who shall have exclusive right to use or reuse it elsewhere. The consultant shall have no claim whatsoever in this regards. V) Based on the design note approved by Rly, the Agency will prepare final arrangement drawings. Mode of payment: i) Visit to site and collection of field data from site and preparation of drawing & design, submission to Railway 3 sets of drawing & Design with approval from Dy.CE/C-II/KGP office = 50%. ii) After approval from Construction HQ = 50%.</p>	Sqm	490.00	22.00	10780.00
---	---	---	-----	--------	-------	----------

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

5	5	Videography by Unmanned Aerial Vehicle (UAV-Drone) for KALAIKUNDA (KKQ) - NIMPURA West Outer Cabin - Nimpura West Outer Siding Cabin - GOKULPUR (GKP) Connectivity avoiding NIMPURA Reception Yard of south Eastern Railway to implement - Leveraging Technology for project management for monitoring of this work dully covering full width of Railway Boundary, all the building , structures, Level crossings and approaches, major bridges (including Guide Bunds etc.), minor bridges, pipe culverts, stations, yards, depots, major site features etc. along the Railway alignment and submission of digital data/digital image/video in CD to Dy.CE/CON-II/Kharagpur, South Eastern Railway.	Kilometre	17.00	3779.06	64244.02
6	6	All transport arrangement for Drone camera, necessary equipments for Drone Videography and labour etc. complete.	Kilometre	17.00	317.78	5402.26
7	7	Survey of big yards (more than 6 line yards) by total station/DGPS which includes the existing features like point & crossing, OHE mast, compound wall, Platform, Signal Box, Home signal, Drains, Buildings, Roads, LC's ROB, RUB, LHS,FOB, Bridges, Curve details like TPTC, TPCC for transition curve, TP1, TP2 for simple curve etc. and to prepare the detailed drawing of yards as per site condition and also making ESP. The plan should be 1 in 1000 scale. The Rate includes all lead, lift, descend, and ascend, labor, materials for survey, tracing papers etc.. Note:- Including works complition of drawing for yards,section,Buildings, Roads, LC's ROB, RUB, LHS,FOB, Bridges etc, as per site condition. Mode of payment: i) Visit to site and collection of field data from site and preparation of ESP, submission to Railway 3 sets of ESP with approval from Dy.CE/C-II/KGP office = 30%. ii) After approval from Division = 20%. iii) After approval from Construction HQ = 30%. iv) After final approval & submission = 20%	Acre	2.00	4779.00	9558.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

8	8	Survey of complete yard drainage plan by total station/DGPS/drone which includes all types of drains and to prepare the detailed drawing. The Rate includes all taxes, lead, lift, descend, and ascend, labor, materials for survey etc. complete. Mode of payment: i) Visit to site and collection of field data from site and preparation of GAD, submission to Railway 3 sets of GAD with approval from Dy.CE/C-II/KGP office = 30%. ii) After approval from Division = 20%. iii) After approval from Construction HQ = 30%. iv) After necessary final approval from CTE & submission = 20%. NOTE: 1. Yard drainage should be connected to city drainage network/any near bridge etc and it should be shown in plan. 2. Plan should show all type of drains whether open(kuchcha/pucca), covered, underground etc. for existing as well as planned/proposed ones. 3. Plan should cover the maintenance practice to be followed for cleaning of drains. 4. Plans to be approved by CTE. 5. Complete yard will be covered in planning. In big yards, plans for passenger running lines may be separated from goods running lines if drainage systems of both parts can work independently. 6. Through and detailed orthographic 3D mapping of yards through drone/total station/LiDAR or any other suitable means is to be done for planning. 7. Yard drainage plan will have the complete ground level and Invert level of each drain. It will have complete details of each drain like size, flow of direction, Qmax, Covered/open/underground etc.	Acre	2.00	5567.24	11134.48
---	---	---	------	------	---------	----------

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

9	9	Preparation and submission of structural design and detailed drawing for each thrust bed of RCC as per direction of Engineer incharge for BOX Pushing as per latest code and manual updated time to time and proof checked by any recognized Govt organization (IIT, NIT, Govt.Engg. College/University etc) at contractor's own cost. Suitable launching scheme duly checked by any recognized Govt organization (IIT, NIT, Govt.Engg. College/University etc) based on the safe condition should be submitted to the Railway for approval. Design & Drawing has to be got approved by Contractor from Rly. Including modification in design & drawing as directed by Rly. MODE OF PAYMENT 1.Submission of design calculations and tentative paper print drawing (two copies) and after approval of Railway (Dy.CE/Con/D&D) prima facie-30%. 2. After submission of proof checked copy of design in book form and drawing in tracing film, soft copy and after approval of Railway CE/Con)-40%. 3. After signature of all concerned and submission of three design booklet, three tracing film and three ferro print of drawing by the agency - 30%.	Numbers	1.00	101829.57	101829.57
---	---	--	---------	------	-----------	-----------

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

10	10	Carrying out detailed design of RCC box bridge to be pushed/inserted under existing running tracks by box pushing technique and preparation of detailed working drawings for Box size of internal dimension 5.65m x 6.79 m(internal) approximately. The out detailed design as per IRC/IRS bridge codes and relevant specifications and preparing working drawing of all components of bridge and protection work wing wall, return wall etc. and other misc. drawings required for successful completion of the bridge, preparing all working drawing and carrying out changes in design/drawing, if any, as directed by the proof consultant/ Railway and getting the same drawing approved from Railway (profile sketch plan will be supplied by railway). Rates for design of the Box of internal size 5.65m x 6.79 m(internal) and retaining wall includes cost of modifications in design/drawing in accordance with railways profile sketch plan. The rate also includes design & drawing of retaining wall of varying height. MODE OF PAYMENT 1.Submission of design calculations and tentative paper print drawing (two copies) and after approval of Railway (Dy.CE/Con/D&D) prima facie-30%. 2.After submission of proof checked copy of design in book form and drawing in tracing film, soft copy and after approval of Railway (CE/Con)-40%. 3.After signature of all concerned and submission of three design booklet, three tracing film and three ferro print of drawing by the agency - 30%.	Numbers	1.00	351185.84	351185.84
					Total	760466.37
Schedule	Schedule H-Execution of all work as per schedule					
Item- 8	Horticulture & Landscaping under DSR HORTICULTURE-2020					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	2.0	HORTICUTURE AND LANDSCAPING				
1	2.2	Supplying and stacking of good earth at site including royalty and carriage upto 5 km lead complete (earth measured in stacks will be reduced by 20% for payment).	cum	45	515.6	23202
2	2.3	Supplying and stacking sludge at site including royalty and carriage upto 5 km lead complete (sludge measured in stacks will be reduced by 8% for payment).	cum	45	294	13230
	2.4	Supplying and stacking a t site d u m p m a n u r e f r o m approved source, including carriage upto 5 km lead complete (manure measured in stacks will be reduced by 8% for payment) :				
3	2.4.1	Screened through sieve of I.S. designation 20 mm	cum	45	254.15	11436.75

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	2.19	Edging with bricks laid dry length wise, including required excavation, refilling, consolidating with hand packing and spreading surplus earth neatly within a lead of 50 m :				
4	2.19.1	Common burnt clay F.P.S (non modular) bricks of Class designation 7.5	Metre	45	396.9	17860.5
5	2.33	Providing and laying Neelgiri/Mexican grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with tools wooden (Dhurmos) and then rolling the surface with light roller make the surface smoothen and light watering with sprinkler and maintenance for 30 days or more till the grass establish properly, as per direction of officer-in-charge	Sqm	70	214.4	15008
	3.0	FOLIAGE AND SHADE LOVING PLANTS				
6	3.30	Providing and displaying of Croton Golden having ht. 45 cm to 60 cm with 2 to 3 branches, well developed, fresh and healthy foliage in 25 cm size of Earthen pot/Plastic pot as per direction of the officer-in-charge.	Each	45	56.4	2538
7	3.31	Providing and displaying of Croton Baby Golden (three in one), having ht. 30cm, multi branches, well developed with fresh and healthy foliage in 25 cm size of Earthen pot/Plastic pot. as per direction of the officer-in-charge.	Each	45	85.1	3829.5
8	3.32	Providing and displaying of Croton golden (Broad Leaves) having ht. 60 cm to 75 cm with 3 to 4 branches, well developed, fresh and healthy leaves in 25 cm size of Earthen pot/Plastic pot. & as per direction of the officer-in-charge.	Each	45	56.4	2538
9	3.33	Providing and displaying of Croton Golden specimen having ht. 90 cm to 105 cm with 5 to 6 branches, well developed, fresh and healthy foliage in 30 cm size of Earthen pot/Plastic pot as per direction of the officer-in-charge.	Each	45	172.2	7749
10	3.34	Providing and displaying of Croton Duck foot (Elite) having ht. 45 cm and above with 3 to 4 branches, well developed, fresh and healthy leaves in 25 cm size of Earthen pot/Plastic pot. & as per direction of the officer-in-charge.	Each	45	112.75	5073.75
11	3.35	Providing and displaying of Croton Duck Foot (Elite) having ht. 60 cm to 75 cm with 4 to 5 branches, well developed, fresh and healthy colorful leaves in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	Each	45	322.9	14530.5

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

12	3.36	Providing and displaying of Croton Petra Bangalore variety having ht 45 cm & above, well developed with fresh and healthy leaves in 20 cm size of Earthen pot/Plastic pot. & as per direction of the officer-in-charge.	Each	45	117.9	5305.5
13	3.37	Providing and displaying of Croton Petra having ht. 45 cm & above with 2 to 3 branches, well developed, fresh and healthy leaves in 25 cm size of Earthen pot/Plastic pot. & as per direction of the officer-in-charge.	Each	45	123	5535
14	3.74	Providing and displaying of Phoenix palm having ht. 75 cm to 90 cm with 10 to 15 or more leaves, well developed, fresh and healthy in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	Each	45	215.25	9686.25
	5.0	ORNAMENTAL PLANTS				
15	5.5	Providing and Displaying Adenium Obesum grafted well developed with fresh & healthy 30 to 60 cm ht. in 25 cm size Earthen Pot/ Plastic Pot as per direction of the officer-in-charge.	Each	45	287	12915
	7.0	TREE PLANTS				
16	7.10	Providing and stacking of Bottle palm of ht. 150-180 cm bottom girth 20-25 cm well developed in big poly bags of size 25 cm as per direction of the officer-in-charge.	Each	45	180	8100
17	7.55	Providing and stacking of Michelia champa (Golden Champa) of height 90- 105 cm. in earthen pots of size 25 cm as per direction of the officer-in-charge.	Each	45	90	4050
18	7.65	Providing and stacking of Pinus longifolia (Pinus) of height 90-105 cm. in cement pots of size 35 cm as per direction of the officer-in-charge.	Each	45	550	24750
	8.0	SHRUBS				
19	8.2	Providing and stacking of Bauhinia tomentosa (yellow) of height 60-75 cm. in earthen pots of size 20 cm as per direction of the officer-in-charge.	Each	45	45	2025
20	8.8	Providing and stacking of Cassia biflora of height 45-60 cm. in earthen pots of size 20 cm as per direction of the officer-in-charge.	Each	45	45	2025
					Total	191387.75

Schedule Schedule I-Execution of all work as per schedule

Item- 9 Supply of General Services Items

S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of LED 2x18/20W T-8 indoor type Tube Light fitting with Aluminum housing having Luminous flux efficacy 120 Lm/Watt,CRI75 for each tube light, with Constant current driver complete with lamp and all accessories.	Numbers	60.00	505.00	30300.00
2	2	Supply and erection of LED Lamp 7-9W, 230V.	Numbers	15.00	98.00	1470.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

3	3	Supply of 1x18/20W T-8 LED Tube Light fitting Constant current driver complete with lamp and all accessories.	Numbers	200.00	331.00	66200.00
4	4	Supply of Energy efficient (5-star rating) BLDC AC ceiling fan of 1200mm sweep with regulator including suspension arrangement.	Numbers	50.00	3264.00	163200.00
5	5	Supply of Exhaust fan 300mm sweep BLDC Heavy duty copper wound with anticorrosive blade complete with frame, and other accessories.	Numbers	10.00	2641.00	26410.00
6	6	Supply of Double door Distribution Board IP-43 wall mounting type with provision of 1x32A, 10kA Double Pole MCB as Incoming & 4 x Single Pole MCB 6A-16A,10kA as outgoing as per IS/IEC 60898-1, housing in a SP&N Prewired 6-way CRCA steel sheets enclosure with Neutral Link, Earth bar & Din Rail etc.	Numbers	8.00	3133.00	25064.00
7	7	Supply of LED Street Light Luminaire in Die Cast Aluminium Body with heat sink in aluminium extrusion, IP66, LED light 50-60 Watt, 5700-6500k.	Numbers	100.00	3216.00	321600.00
8	8	Supply of Heat shrinkable type indoor/outdoor end termination/Straight through kit as per IS 13573 : Part 3, suitable for 11kV, 3 Core 70/95/120/185-300 Sq.mm XLPE Cable.	Numbers	4.00	12819.00	51276.00
9	9	Supply of Earth cone of 2.8 M long, 54.4mm inside dia and 60.2 mm out side dia GI pipe. The pipe having conically tapered at one end and having sufficient no. of holes of 12mm dia. including connection by 2x8.No SWG GI wire and making of earth cone sump box.	Numbers	40.00	1272.00	50880.00
10	10	Supply of GI pipe 3"/4" dia with socket for laying/verticle lifting of cable.	Metre	40.00	594.00	23760.00
11	11	Supply, erection and testing of Maintenance free Earthing system comprising of 48.3 mm dia.meter, 3 meter long earthing electrode of low carbon high tensile steel with 250 microns copper coating + carbon based conductive back fill compound & copper Clamp including suitable length earthing GI strip of 40 x 3 mm for termination works.	Numbers	4.00	7697.00	30788.00
12	12	Supply of MCB 16-25A, 10Ka with 3/5 modular type socket with starter in a enclosure for A.C point similar to DHDUCDP0253016-25 with complete wiring.	Numbers	20.00	905.00	18100.00
13	13	Supply of Triple pole 11 KVx400 A Capacity gang operated air break switch complete with insulator, DO fuse, support channel, clamps for fixing in 4 pole/DP structure along with operating handle and locking arrangement etc.	Set	2.00	14128.00	28256.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

14	14	Supply of 11 KV LA complete set with mounting hardware arrangement, metal oxide type (1Set consists of 3 Nos. LA) Make Rly. approved brand.	Set	6.00	4087.00	24522.00
15	15	Supply of 11 KV Pin insulators complete with all accessories.	Numbers	10.00	344.00	3440.00
16	16	Supply of 11 KV Disc insulators complete with all accessories.	Numbers	10.00	655.00	6550.00
17	17	Supply of MS Sheet Cable Busbar Chamber IP-43 wall mounting type 3 phase and neutral, 416 Volt with 4 Nos copper bus bar of 100A each (similar to Havells Cat.No.IHBC010004).	Numbers	6.00	5403.00	32418.00
18	18	Supply of Busbar Chamber IP-43 wall mounting type 3 phase and neutral, 416 Volt with 4 Nos copper bus bar of 400A each, all assembled in 14 SWG sheet steel, powder coated MS Box Enclosure (similar to Havells Cat. No. IHBC040004).	Numbers	2.00	20301.00	40602.00
19	19	Supply of Busbar Chamber IP-43 wall mounting type 3 phase and neutral, 416 Volt with 4 Nos copper bus bar of 63A each, all assembled in CRCA steel sheets enclosure (similar to Havells Cat. No.IHBC006304).	Numbers	4.00	3839.00	15356.00
20	20	Supply & erection of Fire fighting equipment 5 Kg. capacity (DCPT).	Numbers	1.00	2631.00	2631.00
21	21	Supply of GI Flate of size 40mm x 3mm for Earthing of all structure and vital equipment including required nut, bolts & sockets etc.	Metre	200.00	71.00	14200.00
22	22	Supply of bulk head fitting complete with LED lamp of 9-10 watt with all accessories.	Numbers	10.00	886.00	8860.00
23	23	Supply of Street light panel with Astronomical/digital timer 24hrs, contactor rating 32A/TP MCB rating 40A/TPN. (similar to Havells IHXTS0306A).	Numbers	2.00	15482.00	30964.00
24	24	Supply of Distribution Board Double door type IP-43 wall mounting type with provision of 1x63A Double Pole MCB as Incoming & 4 x 20A Double Pole MCB , as outgoing as per IS/IEC 60898 & 60947-2,housing in a SP&N Prewired MS Box Enclosure with Neutral Link, Earth bar & Din Rail etc.	Numbers	8.00	6177.00	49416.00
25	25	Supply of LT DB comprising 1x63A ,16kATPN MCCB with busbar as incoming and 4x32A, 4x16A,10kA DP MCB as outgoing as per IS/IEC 60898 & 60947-2.	Numbers	6.00	11891.00	71346.00
26	26	Supply of high intensity long range, energy saving die cast aluminium IP-66 flood light luminaire with 190-200 W high power LED as light source with reflector and lens of reputed make.	Numbers	6.00	10598.00	63588.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

27	27	Supply of Outdoor type LED light fitting (IP-66) for front lighting, 70-80 Watt, suitable for voltage 230V AC complete with driver and all other accessories.	Numbers	8.00	7013.00	56104.00
28	28	Supply of Electric storage water heater of 15L capacity geyser with 5star rating similar to Havells GHWCNTIV015.	Numbers	1.00	13592.00	13592.00
29	29	Supply of Wire Mesh type Cable tray of Stainless Steel, 300mm width with SS fixing bracket, coupler & bend plat with suitable SS nut, bolt & washer etc.	Metre	100.00	892.00	89200.00
30	30	Supply of 1.1 KV 3.5/4 CORE 50/70/ 95/120 sq.mm LT straight through heat shrinkable kit.	Numbers	16.00	2681.00	42896.00
31	31	Supply of IP65 (dust proof & jet water tight) junction box, made of high quality thermoplastic having high grade internally embedded gasket made of Polyurethane, fireretardant & self extinguishing, JB size (L X B X H) of : 300mm X300mm X 170mm fitted with 1No.63A DP MCCB, with minimum 2.Nos 2Cx70/50Sq.mm cable entry arrangement with TPN-100A, 4-Way cable connector.	Numbers	8.00	4693.00	37544.00
32	32	Supply of IP65 (dust proof & jet water tight) junction box, made of high quality thermoplastic,Insulated & corrosion free, acidand chemical resistant, having high grade internally embedded gasket made of Polyurethane, fire retardant & self extinguishing, JB having size (L X B X H) of :360mm X 500mm X 180mm fitted with 1 No. 160A DP MCCB,with minimum 2.Nos 2Cx150Sq.mm cable entry arrangement with (TP-200A cable connector terminal) / loop in loop out terminal.	Numbers	8.00	7709.00	61672.00
33	33	Supply of programmable time switch 24 Hrs code with contracator 3 pole with AC coil i.eAmp-32 make Havells or Similar.	Numbers	6.00	2807.00	16842.00
34	34	Supply of IP65 (dust proof & jet water tight) junction box, made of high quality thermoplastic, Insulated & corrosion free, acid and chemical resistant, having high gradeinternally embedded gasket made of Polyurethane, fire retardant & self extinguishing, JB having size (L X B X H) of :600mm X450mm X 250mm (approx) fitted with 2 No. TPN-100A, cable connector terminal / loop in loop out terminal with minimum 4.Nos 4Cx 70/50Sq.mm cable entry arrangement.	Numbers	6.00	3387.00	20322.00
35	35	Design, manufacture, display of wall hanging / floor mounting type LED illuminated glow sign / direction boards in half elliptical shape. All specifications to be followed as mentioned in GEN.	Square Foot	100.00	3840.00	384000.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

36	36	Supply of Automatic Supply change over color light signaling panels,60A for 3 source single phase supply suitable for 10KVA,240V AT as per RDSO specification. CLS panel.	Numbers	1.00	33013.00	33013.00
37	37	Supply of single phase Submersible pump set for use in bore wells for handling clear cold water having motor of wet type for continuous rating, Delivery 1.1KW/1.5HP with pump controller/ starter as per site requirement, including PP Rope 14mm, 3COREX4.Sq.mm. FLAT CABLES with flexible copper conductor as per site requirement or minimum 90m.	Set	1.00	35899.00	35899.00
38	38	Supply of 5M HDG (Hot Dip Galvanized) double arm Octagonal Pole with cable junction compartment Insulated Cable Connector 4-way and SP 6A MCB, Pole top dia.70mm, bottom dia. 130mm, sheet thickness 3mm, base plate dimensions(L X B X T)-200mm X 200mm X 12mm with 1000 mm long double arm and foundation bolts etc.	Numbers	35.00	10299.00	360465.00
39	39	Supply of painted outdoor pillar box made of 2mm thickness sheet steel, rust protected,powder coated with single door & locking arrangement as per IP-54, consisting with FP MCCB 400A, 50kA Microprocessor Based - 01 No. as incoming and FP MCCB 200A, 36kA Microprocessor Based - 02 Nos., FP MCCB 100A, 36kA Microprocessor Based - 02 Nos.,FP MCCB 63A, 36kA Microprocessor Based -02 Nos. as outgoing with suitable Cu. Bus-bar, Digital Multifunctional Meter in each Incoming & Outgoing MCCB,Capable to measure and display Voltage, Current, Frequency, Power factor, kW, kVAR, kWh, kVAh, kVARh etc., appropriate spreader link for MCCB and with necessary item for seal the cable entry and outgoing point.	Numbers	2.00	272734.00	545468.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

40	40	Supply of painted outdoor pillar box made of 2mm thickness sheet steel, rust protected, powder coated with single door & locking arrangement as per IP-54, consisting with FP MCCB 250A, 50kA Microprocessor Based - 01 No. as incoming and FP MCCB 100A, 36kA Microprocessor Based - 02 Nos., FP MCCB 63A, 36kA Microprocessor Based - 04 Nos.as outgoing with suitable Cu. Bus-bar, Digital Multifunctional Meter in each Incoming & Outgoing MCCB, Capable to measure and display Voltage, Current, Frequency, Power factor, kW, kVAR, kWh, kVAh, kVARh etc., appropriate spreader link for MCCB and with necessary item for seal the cable entry and outgoing point.	Numbers	10.00	235815.00	2358150.00
41	41	Supply of Cable loop box (of fibre body) for 3-Phase incoming and outgoing connection consists of 3-Phase and neutral terminal and 15/16 Amps K-fuse as per relevant ISS, with suitable bridge arrangement of size: 240mmx 140mm x 100mm and all other accessories.	Numbers	20.00	845.00	16900.00
42	42	Supply of Industrial Plug & Socket of capacity: 32 A, 5 Pin, 3P+N+E with 32A,10kA FP MCB with 3PP (Protected Pole)-01No. and Plug and Socket Distribution Board.	Numbers	4.00	7864.00	31456.00
43	43	Supply of VTP & N 8-Way DB (Double Door) consisting with FP 100A, 36kA Microprocessor Based MCCB - 01 No. as incoming and TP MCB 63A, 10kA- 6 Nos. as outgoing with Cu. bus-bar, Neutral links, Earth bar, cable gland, appropriate spreader link for MCCB etc.	Numbers	4.00	37242.00	148968.00
44	44	Supply of Switch fuse unit (rewireable type) 415V TP with Neutral link capacity 63A.	Numbers	3.00	4062.00	12186.00
45	45	Supply of Switch fuse unit (rewireable type) 415V TP with Neutral link capacity 100A.	Numbers	3.00	7500.00	22500.00
46	46	Supply of FP 125 Amps, 35kA Microprocessor Based MCCB including spreader link and sheet steel powder painted enclosure with proper wiring to complete job.	Numbers	4.00	15210.00	60840.00
47	47	Supply of FP 200 Amps, 36kA Microprocessor Based MCCB including spreader link and sheet steel powder painted enclosure with proper wiring to complete job.	Numbers	4.00	24912.00	99648.00
48	48	Supply & laying of Electrical insulated IS marked Insulated rubber mat 2m x 1m x 2cm.	Numbers	4.00	424.00	1696.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

49	49	Supply of Schematic Diagram in original along with 06 copies on A-0 papers of different locations showing superimposition of cable route, HT/ LT panels, transformers, location of tubular poles and all other electrical items and works.	Set	1.00	7202.00	7202.00
50	50	Supply of recess LED Panel Light fitting 600 mm X 600 mm 36W - 48W, 230V Square type Ceiling mounted Panel led light (cool white) complete with all accessories.	Numbers	8.00	2875.00	23000.00
					Total	5680760.00
Schedule Schedule J-Execution of all work as per schedule						
Item- 10 Erection of General Services Items						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply & erection of 110 mm or higher dia. HDPE pipe of grade PE-100 for HDD requirement including laying and jointing of HDPE Pipe with suitable size couplers, plugs, end caps, spacer, T band etc. with min depth of 3 mtrs/ as per the site conditions with proper tools, for cable running applications.	Metre	700.00	819.00	573300.00
2	2	Supply & erection of 160 mm or higher dia. HDPE pipe of grade PE-100 for HDD requirement including laying and jointing of HDPE Pipe with suitable size couplers, plugs, end caps, spacer, T band etc. with min depth of 3 mtrs/ as per the site conditions with proper tools, for cable running applications.	Metre	300.00	1642.00	492600.00
3	3	Erection and installation of wall hanging/ floor mounting type LED illuminated sign / direction boards in half elliptical shape. All specifications to be followed as mentioned in GEN.	Square Foot	100.00	384.00	38400.00
4	4	Erection,testing & commissioning of FP 125 Amps MCCB,FP 200 Amps MCCB, main Switch fuse unit (rewireable type) 415V TP in sheet steel enclosure, 63Amps./100 Amps including necessary masonry work and supply & fixing of all types of cable gland, cable sockets, lugs, requisite nuts & bolts,with rain shed protection etc.	Numbers	14.00	882.00	12348.00
5	5	Fixing and commissioning of Cable loop box (of fibre body) for 3-Phase incoming and outgoing connection consists of 3-Phase and neutral terminal and 15/16 Amps K-fuse and all other accessories with proper termination of cables through glands.	Numbers	20.00	90.00	1800.00
6	6	Erection of LED 2x18/20W T-8 indoor type Tube Light fitting of including supply & erection of necessary clamps & masonry work.	Numbers	60.00	90.00	5400.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

7	7	Erection of 1x18/20W T-8 impact proof, surface mounting IP65 LED Tube Light fitting with masonry work.	Numbers	200.00	77.00	15400.00
8	8	Erection of Energy efficient (5-star rating) AC ceiling fan with regulator and all accessories.	Numbers	50.00	163.00	8150.00
9	9	Erection of Exhaust fan with all accessories, including masonry work.	Numbers	10.00	154.00	1540.00
10	10	Erection, testing & commissioning of MCB DB including necessary masonry work and supply & fixing of all types of cable gland, cable sockets, requisite nuts & bolts etc.	Numbers	26.00	556.00	14456.00
11	11	Erection of Hot dip Galvanised Octagonal street light pole with all accessories of including earth connection & Erection of LED street light fitting with wiring from MCB to light fitting.	Set	35.00	1850.00	64750.00
12	12	Erection of LED Street Light/ Outdoor Light Luminair on wall/ structure/ shed (except Octagonal/SST Pole) with all accessories for fixing.	Numbers	30.00	436.00	13080.00
13	13	Erection & termination of HT Heat shrinkable type indoor/ outdoor end termination/Straight through cable jointing kit.	Numbers	4.00	1396.00	5584.00
14	14	Excavation of earth in any kind of soil & Erection, testing & commissioning of Earth cone as per Drawing No. CEE/G/A3/P-134.	Numbers	80.00	1101.00	88080.00
15	15	Erection/ Laying of GI pipe 3"/4" dia with socket/ clamp for laying /vertical lifting of cable.	Metre	400.00	74.00	29600.00
16	16	Erection of MCB 16-25A 10KA with 3/5 pin 15A modular type socket with starter in a enclosure for A.C point similar to DHDUCDP0253016-25 with complete wiring.	Numbers	20.00	93.00	1860.00
17	17	Erection, testing & commissioning of Triple pole 11 KVx400 A Capacity gang operated air break switch complete with insulator, DO fuse, support channel, clamps for fixing in 4 pole/DP structure along with operating handle and locking arrangement etc.	Set	2.00	3044.00	6088.00
18	18	Erection of 11 KV LA complete set with mounting hardware arrangement, metal oxide type (1Set consists of 3 Nos. LA) Make Rly. approved brand.	Set	6.00	545.00	3270.00
19	19	Erection of Busbar Chambers IP-43 wall mounting type including rainshed protection (for outdoor installation) fabrication work, necessary cable termination & masonry work.	Numbers	12.00	1383.00	16596.00
20	20	Erection of GI Flate of size 40mm x 3mm for Earthing of all structure and vital equipment including required nut, bolts & sockets etc.	Metre	200.00	73.00	14600.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

21	21	Erection of 33KV/ 11KV/ LTpin/ disc/ shackle insulator complete with pin, clamp, stalk etc. complete with all accessories.	Numbers	20.00	157.00	3140.00
22	22	Erection of bulk head fitting complete with LED lamp of 9-10 watt with all accessories.	Numbers	10.00	96.00	960.00
23	23	Erection, testing & commissioning of Control box or Panel for Street Light including supply & erection of all fixing bolts, cable termination and masonry work.	Numbers	2.00	1453.00	2906.00
24	24	Erection, testing & commissioning of out door type (Rain water tight) Feeder Pillar/ Location box floor/ plinth mounted type including necessary masonry work & cable termination work.	Numbers	15.00	5911.00	88665.00
25	25	Supply , fixing, wiring & commissioning of PVC concealed conduit/ PVC conduit surface/ casing capping wiring by PVC FRLSH insulated copper cable 1100 V grade 2.5 Sq.mm through PVC conduit with running earth by 14SWG tinned copper wire/ 2.5sqmm copper wire through out the wiring including supply and fixing of hot deep GI sheet concealed Modular switch board,Modular switch, socket & electronic fan regulators, ceiling rose/holderetc. (a) Light, Bell & Fan point wiring with 6 Amp, Modular switch with Metal back Plate etc.	Point	150.00	993.00	148950.00
26	26	Supply , fixing, wiring & commissioning of PVC concealed conduit/ PVC conduit surface/casing capping wiring by PVC FRLSH insulated copper cable1100 V grade 2.5 Sq.mm throughPVCconduit with running earth by14SWG tinned copper wire/ 2.5sqmm copper wire through out the wiring including supply and fixing of hot deep GI sheet concealed Modular switch board,Modular switch, socket & electronic fan regulators, ceiling rose/holderetc. (b)5/6 Amp., 3/5 pin plug socket point wring with 6 Amp, Modular type switch with Metal back Plate & socket.	Point	50.00	449.00	22450.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

27	27	Supply , fixing, wiring & commissioning of PVC concealed conduit/casing capping wiring / PVC conduit pipe wiring by PVC FRLSH insulated copper cable 1100 V grade from the nearest DB along with running earth of 4sqmm copper wire through out the wiring including supply and fixing of hot deep GI sheet concealed switch board for Modular switch, socket and other wiring materials to make the work a complete unit.(c) 15 Amp plug socket point wiring by 4 Sq.mm PVC FRLSH insulated copper cable with 16 Amp, Modular type Metal back Plate switch & socket, etc.	Point	35.00	757.00	26495.00
28	28	Supply & fixing,wiring & commissioning of PVC concealed conduit/PVC conduit surface /casing capping wiring by 2 Nos 4 sqmm PVC FRLSH insulated copper cable 1100V grade through PVC conduit with running earth by 4 sqmm copper wire through out the wiring for drawing/extension of supply from Main DB/Busbar chamber to service main board/Circuit DB/Air conditioner point by 4sq.mm cable. Note-(Quantity per meter means: one meter conduit with two meter 4sqmm PVC FRLSH insulated copper cable & one meter 4 sqmm copper wire for running earth).	Metre	2500.00	334.00	835000.00
29	29	Supply & fixing, wiring & commissioning of PVC concealed conduit/PVC conduit surface /casing capping wiring by 2 Nos 6 sqmm PVC FRLSH insulated copper cable 1100V grade through PVC conduit with running earth by 6 sqmm copper wire through out the wiring for drawing/extension of supply from Main DB/Busbar chamber to service main board/Circuit DB Note-(Quantity per meter means: one meter conduit with two meter 6sqmm PVC FRLSH insulated copper cable & one meter 6 sqmm copper wire for running earth).	Metre	1200.00	439.00	526800.00
30	30	Laying of HT/LT cable (Rly supplied) along the road and refilling of excavated earth as per CEE/GRC's Drg No. CEE/G/PA3/134 including supply & erection of cable gland, pyramid/Flat sockets, requisite nuts & bolts & all allied works.	Metre	5000.00	163.00	815000.00
31	31	Laying of HT/LT cable (Rly supplied) Across the road through GI/RCC/CI pipe and refilling of excavated earth as per CEE/GRC's Drg No. CEE/G/PA3/134 including supply & erection of cable gland, pyramid/Flat sockets, requisite nuts & bolts & all allied works.	Metre	100.00	352.00	35200.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

32	32	Erection of cable In the air, fixing on wall, through pipe/drain rail, structure with MS clamp with nut & bolt.	Metre	1000.00	36.00	36000.00
33	33	Excavation of trench in all kinds of soils ,concrete including soft rocky area and clearing of roots of trees, bushes, rocks, blast etc., to a depth of 1m & width 0.3m including supply and laying of Double wall Corrugated Pipe with collars of 103mm inner dia and 120 mm outer dia with couplers and sockets as per RDSO specf. No-RDSO/SPN/204/2011/Ver.1.1 Supply of one coupler for 6m of DWC Pipe and two couplers for 30m of length included.	Metre	1000.00	528.00	528000.00
34	34	Boring/punching of underground crossing of Railway track/road with pipe pushing by HDD technology & crossing HT/LT power cable below railway track/road through pipe. Note: The boring profile should be recorded and submitted for verification of depth and length of boring.	Metre	600.00	1422.00	853200.00
35	35	Concrete for foundation in 1:3:6 ratio in any kind of soil including excavation and supply of all materials viz. sand, cement and ballast for TR plinth/SST pole/Rail Pole//Pillar Box/fencing panel/structure etc.	cum	30.00	4878.00	146340.00
36	36	Dismantling and removal of existing overhead LT/HT line with accessories.	Each Span	20.00	420.00	8400.00
37	37	Dismantling / Shifting of Rail Pole/SST pole/GI/MS Structure/Location box/Control Panels/Busbar chamber/DB/Pre-cooling socket/Lavolite Transformer/Battery charger etc including associated cables, light fitting & wiring with gas cutting or any other means without appreciable damage.	Numbers	15.00	653.00	9795.00
38	38	Transportation of Railway supply materials from Railways depots in CKP/ADA/KGP/RNC division to site of work with lead.	MT	10.00	5690.00	56900.00
39	39	Supply and erection of RCC make cable route marker size L-12" ,B-6" , H-30".	Numbers	60.00	857.00	51420.00
40	40	Supply & Installation of Standard enameled 33/11 KV/400 Volt danger board size 6x"8" as per IS:255 having impression of skull & bone with written "DANGER" 11000/ 400 Volt 2/2 Hindi, English & local language.	Numbers	10.00	286.00	2860.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

41	41	Supply & erection of Galvanized stay set as per IS: 2141 - 2000, for overhead line complete with 19/20mm dia x 1.8 M long stay rod, anchor plate of 45 cm x 45 cm x 7.5 mm, thimble stay clamps, turn buckle (20 mm x 600mm) 7/4 mm dia GI stay wire with guy insulators complete with all accessories.	Set	3.00	4318.00	12954.00
42	42	Supply Erection, fabrication & painting of Miscellaneous iron work MS angle, flats, channel required nut, bolts etc. for Small steel parts except rail pole for Fabrication of cable tray/ Cross arms channel/ 4pole/ 2 pole structures etc.	MT	0.30	70001.00	21000.30
43	43	Erection of Outdoor type LED light fitting (IP-66) for front lighting 70-100W/ flood light suitable for voltage 230V AC complete with driver and all other accessories.	Numbers	14.00	676.00	9464.00
44	44	Installation and commissioning of Gyeser 15L Capacity including electrical connection, wiring & necessary masonry work/ plumbing connection work.	Numbers	1.00	1359.00	1359.00
45	45	Fabrication, erection & installation of Wire Mesh type Cable tray of Stainless Steel, 300mm width with SS fixing bracket, coupler & bend plat with suitable SS nut, bolt & washer etc.	Metre	100.00	68.00	6800.00
46	46	Erection of 1.1 KV 3.5/4 CORE50/70/ 95/120 sq.mm LT straight through heat shrinkable kit.	Numbers	16.00	218.00	3488.00
47	47	Erection of IP65 junction box with lugs, spreader link and cable gland.	Numbers	22.00	1297.00	28534.00
48	48	Erection of CLS panel with lugs, spreader link and cable gland.	Numbers	1.00	4676.00	4676.00
49	49	Erection of programmable timeswitch 24 Hrs code with contractor 3 pole with AC coil i.e Amp-32 make Havells or Similar.	Numbers	6.00	264.00	1584.00
50	50	Installation testing and commissioning of single/ three phase Submersible pump set for use in bore wells for handling clear cold water with pump controller/starter as per site requirement, including lowering/laying of pipe, RR Rope12mm, FLAT CABLES with flexible copper conductor.	Set	1.00	8936.00	8936.00
51	51	Erection of Plug & Socket Board, in 3P&N enclosure with 3-pole + SC (scraping earth) Socket with 4P MCB of rating 32 A.	Numbers	4.00	82.00	328.00
52	52	Installation and commissioning of 1.5/2 Ton split Air Conditioner with rotary compressor including electrical connection, additional copper pipe (if required) wiring & necessary masonry work. (Split A.C will be supplied by Railway).	Numbers	12.00	2421.00	29052.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

53	53	Supply & installation of mobile charging arrangement consisting with 04 nos. 5Amp. modular plug socket 240V 50Hz., 04nos. 6 Amp. modular switch along with indicator and fuse.	Set	8.00	1315.00	10520.00
54	54	Erection, testing & commissioning of LT ACB panel with appropriate spreader link for MCCB ,Cable gland & necessary item for seal the cable entry and outgoing point and complete the job including necessary masonry work & cable termination work.	Numbers	1.00	9860.00	9860.00
55	55	Erection, Testing and commissioning of recess LED Panel Light fitting 600 mm X 600 mm 36W - 48W, 230V Square type Ceiling mounted Panel light (cool white) complete with lamp and all accessories.	Numbers	8.00	163.00	1304.00
					Total	5755242.30
Schedule	Schedule K-Execution of all work as per schedule					
Item- 11	Earthwork and Foundation for OHE					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Concrete for foundation and plinth in all type of soil including hard/rocky soil (including excavation and supply of all materials viz., sand, cement, and ballast etc.).	cum	400.00	9425.00	3770000.00
					Total	3770000.00
Schedule	Schedule L-Execution of all work as per schedule					
Item- 12	S&T Execution items					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Excavation of trench in all kinds of soils including soft rocky area and clearing of roots of trees, rocks, bushes, ballast & reconditioning etc., including bailing out water and disposal of extra soil including back filling with excavated earth and ramming of trenches after cable laying for the following depths and widths as specified in Technical Circular No. 2 of 1988 & 01/2010 issued by CSTE/SER or any other latest guidelines. Note: In case, trenches are other than prescribed depth & width, Proportionate payment shall be released. Depth 1.2 meter, Width 0.5 meter.	Kilometre	1.00	95893.00	95893.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

2	2	Excavation of trench in all kinds of soils including soft rocky area and clearing of roots of trees, rocks, bushes, ballast & reconditioning etc., including bailing out water and disposal of extra soil including back filling with excavated earth and ramming of trenches after cable laying for the following depths and widths as specified in Technical Circular No. 2 of 1988 & 01/2010 issued by CSTE/SER or any other latest guidelines. Note: In case, trenches are other than prescribed depth & width, Proportionate payment shall be released. Depth 1.0 meter, Width 0.3 meter.	Kilometre	6.00	79869.00	479214.00
3	3	Excavation of trench in all kinds of soils including soft rocky area and clearing of roots of trees, rocks, bushes, ballast & reconditioning etc., including bailing out water and disposal of extra soil including back filling with excavated earth and ramming of trenches after cable laying for the following depths and widths as specified in Technical Circular No. 2 of 1988 & 01/2010 issued by CSTE/SER or any other latest guidelines. Note: In case, trenches are other than prescribed depth & width, Proportionate payment shall be released. Depth 0.8 meter, Width 0.3 meter.	Kilometre	1.20	70930.00	85116.00
4	4	Excavation of trenches including clearing of roots of trees etc. in hard/rocky soil by chiselling up to a depth of 0.5 meter to 0.8 meter and width 0.3 meter at the bottom. Supply & placing split RCC pipes with collar (for jointing pipes) of 100 mm nominal diameter to Spec. No. IS: 10262-2019 or latest and IS-456-2000 as per SEM Drawing No. 15-D3 (Sheet-2) on sieved soil of 30 mm over cable and concreting(1:2:3) throughout the length upto a layer of 75mm approximately, then back filling the trench by digging and carrying earth from a distance of maximum 30 meters and then ramming of soil after cable laying. This also includes supply of collar and all the materials for concreting by the contractor.	Metre	300.00	589.00	176700.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

5	5	Excavation of trench in all kinds of soils including soft rocky area and clearing of roots of trees, rocks etc. to a depth of 1 metre and width 0.3 metre. Track/Pucca road/Platform crossing/Level crossing as per SEM Drawing No.15-D5 or latest including supply, transportation and laying of RCC Pipes (full) with collar (for jointing pipes) Inner diameter/Outer diameter: 100mm/150mm to Specification No. IS:10262-2019 or latest and IS-456-2000. RCC structural drawings should be as per SEM Drawing No. 15-D3 (Sheet-2) and drawing of cable through RCC Pipes with collar (for jointing pipes) including back filling and ramming after cable laying as specified in Technical Circular No. 2 of 1988 & 01/2010 issued by CSTE/SER for S&T Cables or any latest guidelines. This includes repairing and plastering of platform/pucca road after cable laying.	Metre	300.00	1211.00	363300.00
6	6	Excavation of trench in all kinds of soils including soft rocky area and clearing of roots of trees, rocks etc. to a depth of 1 metre and width 0.3 mtr. Track/ Pucca road/Platform crossing/ Level crossing as per SEM Drawing No.15-D5 including supply, transportation and laying of DWC pipes (full) with collar(for jointing pipes) Inner diameter/Outer diameter:103mm/120mm to Specification No.14830 (Part-2):2001 as per SEM Drawing No. 15-D4 and drawing of cable through DWC pipes with collar(for jointing pipes) including back filling and ramming after cable laying as specified in Tech. Circular No. 2 of 1988 & 01/2010 issued by CSTE/SER for S&T Cables or any latest guidelines. This includes repairing and plastering of Platform/Pucca road after cable laying.	Metre	1200.00	691.00	829200.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

7	7	Cutting and smoothening of inside surface of sizes 80 mm deep and 170 mm width for single/multiple cable chase in concrete or hard rocks or platform or cemented floor. This work includes laying and covering of cable laid in the chase with standard sizes Second class/Fly Ash brick placed and embedded longitudinally and plastered on the top of the bricks and curing 72 hrs. as per Drawing No. Con/SK/T/1 Note: Sundries materials such as Bricks, sand, cement etc., shall be supplied by the contractor at site and to be inspected by Railway Site Engineer before placing in the chase. Note: In case, chase cutting & smoothening are other than prescribed depth & width, Proportionate payment shall be released.	Metre	300.00	256.00	76800.00
8	8	Supply, transportation and fixing of Galvanised Iron Pipe (make: TATA/Jindal or better) with threaded collars (for jointing pipe) of 80 mm nominal bore Specification No. IS: 1239, Pt-1, 2004 thickness 3.2 mm medium grade, on bridges, culverts, drain or at places as per instruction of the site Engineer including supply and transportation of materials required for fixing the pipe as per SEM Drawing No.15-D7 on culverts and others including drawing of cables inside the pipe with masonry work at bridge entry and exit of the culvert and curing for 72 hours and pipes are to be clamped at max. 2 meter apart with drilling of holes on the pipe at 10 cm apart for S&T Cables. Note:- This also includes dismantling of released GI Pipe/Trough and released material should be returned at concerned store.	Metre	600.00	1018.00	610800.00
9	9	Transportation of cables in rolls with or without wooden drums (S&T Cables) from concerned store to the site of works. Note: Here unit Kilometre means Drum-KM.	Kilometre	28.00	2328.00	65184.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

10	10	Laying of S&T Cables (Signal/Quad/Power) in the excavated trench to Drawing No. CON/SK/T/5 or latest. Supply and transportation of 'U' clamps, anchoring of cable at every 10 metres interval with 'U' clamp on trench to Drawing No. CSTE/CON/CABLES/81 or latest. Supply, transportation, and placing of cable demarcating led belt to Drawing No. CON/SK/T/6 or latest punched at an interval of 30 metres and wrapped round each cable throughout the cable route and also at every track/Road/platform crossing as above specified in Technical Circular No. 2/1988 & 01/2010 issued by CSTE/SER or as per latest guidelines and guarding the cables. Collecting empty drums with left over cable and to be returned to the stores of stock holder. Note: Cables will be meggered before & after its laying by contractor under supervision of Railway representative & Contractor will submit their reports.	Kilometre	28.00	20239.00	566692.00
11	11	Transportation including loading/unloading of Optical Fibre Cable along with HDPE pipe from the stores of SSE/Store or from any store of SE Railway to the site with care laying of HDPE pipe & blowing of OFC in it as per procedure and returning empty cable drums with or without left over cable to the stores of SSE/Store. It also includes supply and placing of warning & Detection tape orange colour of 100 mm wide printed in black as "CAUTION OFC CABLE" and laid throughout the trench as directed by the Representative of Railway. Note: OTDR of cables will be done before & after its laying by contractor under supervision of Railway representative & contractor will submit their reports.	Kilometre	7.00	34734.00	243138.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

12	12	Execution of Full Apparatus Case with earth excavation for pit, concrete foundation, surrounding earth work, erection and installation as per Drawing No. Con/SK/T/8 or latest and wiring to be done as per SEM Drawing No.19-D8 or as per direction of site engineer. Supply and fixing of Hylam sheet strip of appropriate size of 3 mm or 6 mm as required with hole for fixing of terminals, fuse blocks, relay and other accessories for signal/track circuit, termination of cable with number embossed ferrules, bunching of cables with PVC tape, proper soldering of cable armour with earth catenary wire, earthing of cable armour as required. Writing & terminal description including Painting of the apparatus case inside and outside after clearing the surface thoroughly and first coating of anticorrosive paint and subsequent two coats of Aluminium paint outside and red oxide inside and lettering etc. This also includes transportation of 25 mm/12mm Hylam sheet for shelf or as required and also includes minor modification in L/Boxes as per site requirement. The contractor shall supply 4 no. of foundation nuts & bolts of size 22 mm dia. x 450 mm long with 2 flat spring washers, with each nut & bolts, sand for filling up cable pit inside the apparatus case including plaster and bolts, nuts, screws, MS Clamps for fixing equipment/cable. Note: - Part payment shall be released after completion of-(i) Foundation- 40%, (ii) Erection - 10%, (iii) Wiring, earthing, testing - 20%, (iv) Painting, writings - 10%, (v) Plastering, sand filling & etc. - 10%, (vi) Commissioning -10%.	Numbers	20.00	9147.00	182940.00
----	----	---	---------	-------	---------	-----------

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

13	13	Execution of Half Apparatus Case with earth excavation for pit, concrete foundation, surrounding earth work, erection and installation as per Drawing No. SEM, 19-D2 or latest and wiring as per SEM Drawing No.19-D9 or as per direction of site engineer. Supply & fixing of Hylam sheet strip of appropriate size of 3mm/6mm as required with hole for fixing of terminals, fuse blocks, relay and other accessories for signal/track circuit, termination of cable with number embossed ferrules, bunching of cables with PVC tape, earthing of cable armour as required. Writing & terminal description including Painting of the apparatus case inside and outside after clearing the surface thoroughly and first coating of anticorrosive paint and subsequent two coats of Aluminium paint outside and red oxide inside and lettering etc. This also includes transportation of 25 mm/12mm Hylam sheet for shelf or as required and also includes minor modification in L/Boxes as per site requirement. The contractor shall supply 4 no. of foundation nuts & bolts of size 22 mm dia. x 450 mm long with 2 flat spring washers, with each nuts & bolts, sand for filling up cable pit inside the apparatus including plaster and bolts, nuts, screws, MS Clamps for fixing equipment/cable. Note: - Part payment shall be released after completion of- (i) Foundation- 40%, (ii) Erection - 10%, (iii) Wiring, earthing, testing - 20%, (iv) Painting, writings - 10%, (v) Plastering, sand filling & etc. - 10%, (vi) Commissioning -10%.	Numbers	20.00	7032.00	140640.00
----	----	---	---------	-------	---------	-----------

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

14	14	Execution of Quarter size Apparatus Case with earth excavation for pit, concrete foundation, surrounding earth work, erection and installation as per Drawing No. SEM, 19-D2 or latest and wiring as per site requirement. Supply and Fixing of Hylam sheet strip of appropriate size of 3 mm/6 mm as required with hole for fixing of terminals, fuse blocks, relay and other accessories for signal/track circuit, termination of cable with number embossed ferrules, bunching of cables with PVC tape, earthing of cable armour as required. Writing & terminal description including Painting of the apparatus case inside and outside after clearing the surface thoroughly and first coating of anticorrosive paint and subsequent two coats of Aluminium paint outside and red oxide inside and lettering etc. This also includes transportation of 25 mm/12mm Hylam sheet for shelf or as required and also includes minor modification in L/Boxes as per site requirement. The contractor shall supply of 4 no. of foundation nuts & bolts of size of 22 mm dia. x 450 mm long with 2 flat spring washers with each nuts & bolts, sand for filling up cable pit inside the apparatus case including plaster and bolts, nuts, screws, MS Clamps for fixing equipment/ cable. Note: - Part payment may be released after completion of- (i) Foundation- 40%, (ii) Erection - 10%, (iii) Wiring, earthing, testing - 20%, (iv) Painting, writings - 10%, (v) Plastering, sand filling & etc. - 10%, (vi) Commissioning - 10%.	Numbers	5.00	4576.00	22880.00
15	15	Transportation and installation of 2-Aspect Signal Post for MACLS as per drawing no. Con/SK/T/12 or SEM-Drawing No. 19-D3 or RDSO/M-00011RU dated 12.01.18 or latest complete with signal units, base, ladder and other fittings, excavation of earth pit, casting concrete foundation, erection of posts, thereof as specified in the note given in drawing, fixing of complete fittings of the signals with necessary earth screen protection arrangement as required including termination of cables, painting and lettering as required. Foundation nuts & bolts of appropriate size as per above drawings or latest as per RDSO Drawing No. SA-116 A/M confirming to IS: 226 and IRS:S-10/78 Rev.8. or latest to be supplied.	Numbers	1.00	10788.00	10788.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

16	16	Transportation and installation of 3/4 - Aspect Signal Post for MACLS as per Con/SK/T/12 or SEM-Drawing No. 19-D3 or RDSO/M-00011RU dated 12.01.18 or latest complete with signal units, base, ladder and other fittings, excavation of earth pit, casting concrete foundation, erection of posts, thereof as specified in the note given in drawing, fixing of complete fittings of the signals with necessary screen protection arrangement including termination of cables, painting and lettering as required. Foundation nuts & bolts of size appropriate size as per above drawings or latest as per RDSO Drawing No. SA-116 A/M confirming to IS: 226 and IRS:S-10/78 Rev.8. or latest to be supplied.	Numbers	3.00	11520.00	34560.00
17	17	Transportation, installation of Position light Shunt Signal as per Con/SK/T/13 or SEM Drawing No. 19-D4 or latest complete with units, base and other fittings, excavation of earth pit, casting of concrete foundation thereof as per note given in drawing, fixing in complete fittings of signal including termination of cables, painting and lettering as required. Foundation nuts & bolts of size 20 mm x 305 mm as per RDSO Drawing No. SA-110 A/M confirming to IS: 226 and IRS:S-10/78 Rev.8.	Numbers	1.00	5101.00	5101.00
18	18	Transportation, Installation, Wiring, Testing & Commissioning of LED Signals Lamps for Main signals Lighting Unit (i.e. Red/Yellow/Green) as per instruction of railway Engineer at the site. Note: LED particulars such as aspect, make, type, Sr. No. etc. to be recorded in proper in proper register.	Numbers	12.00	1099.00	13188.00
19	19	Transportation, Installation, Wiring, Testing & Commissioning of LED Signals Lamps for Subsidiary signals lighting unit (i.e. Route aspect/Shunt Signal/Calling on aspect/A marker/AG marker etc.) as per instruction of railway Engineer at the site. Note: LED particulars such as aspect, make, type, Sr. No. etc. to be recorded in proper register.	Numbers	3.00	926.00	2778.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

20	20	Alterations/modifications works on existing relay rack (Q-series/ Composite Relay Racks)/Cable Termination Racks (CTR) including works of installation, wiring, termination, testing and commissioning. The work includes fixing of aluminium/steel/M. S ladder along with supply as per requirement to accommodate additional plug board, relays, terminals/blocks, terminals, tag blocks, fuses, transformers, bus bars, TW shelves/strips etc. in the existing relay racks/CTR's, 6 mm Hylam sheets of required length for writing terminal description etc. fixing and termination of cables on the relay racks, CTR's with number embossed ferrules, bunching of cables with PVC tapes, earthing of cable armours, covers including painting and lettering, making anti tilting arrangement. Note:- a) Relay rack (Q-series/ Composite Relay Racks) : Payments for alterations in existing relays upto 20 nos. relays & above 20 nos. shall be made 50% & 100% respectively. b) Cable Termination Racks (CTR):- Payments for alterations in existing CTR upto 120 cores & above 120 nos. cores shall be made 50% & 100% respectively.	Numbers	3.00	21225.00	63675.00
21	21	Alteration/modification in existing location boxes, includes fixing/Removal or both the equipment, cable insertion, termination, wiring, testing & commissioning, two coat painting, lettering to suit the circuits as per approved wiring diagram. This includes filling with sand and plastering the same. Note: All the sundry materials such as paint, sand, cement, screws etc to be supplied by the contractor.	Numbers	20.00	2734.00	54680.00
22	22	Alteration/Modification, testing, commissioning, two coat painting, wiring, lettering of the existing Multi aspect signals/Shunt/Calling-On Signals to suit the circuit as per approved wiring diagram.	Numbers	10.00	2692.00	26920.00
23	23	Cement Concrete of proportion 1:2:4 (Cement: Sand: Stone chips of 20mm nominal size) for miscellaneous works. It includes excavation, ramming of CC by using vibrator, curing and plastering with cement and sand mixture (aggregate will not exceed beyond 3.8 cm). Note: All materials required for foundation are to be supplied by the contractor.	cum	40.00	4145.00	165800.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

24	24	Transportation, installation and wiring of Rotary key transmitters/KLCR on Hylam sheet board including wiring & fixing of push button bell switch on Hylam sheet of 12mm including termination, painting & lettering. The sundry materials such as Hylam sheet, push bell switch etc. to be supplied by contractor.	Numbers	5.00	1553.00	7765.00
25	25	Removal of normally 13m Rail in the way of cable route trench, signal/location box foundation, track crossing etc. In case of less or more than 13 m, proportionate payment to be done. These obstructions will be removed by the contractor for ensuring proper execution of related works.	Numbers	200.00	117.00	23400.00
26	26	Removal of PSC/Wooden/Steel sleeper in the way of cable route trench, signal/location box foundation, track crossing etc. These obstructions will be removed by the contractor for ensuring proper execution of related works. Note: In case of broken sleepers, proportionate payment will be made.	Numbers	200.00	118.00	23600.00
27	27	Shifting of HASSDAC/SSDAC from old location and installation, wiring, testing and commissioning in new axle counter room/ location box. This includes fixing of DPs at site if shifting required, evaluator in relay room/ location box or goomtys together with termination of cables, fixing and wiring of LV boxes, painting, lettering etc as required. Necessary insertion/modification on the control/ indication panel to be carried out as per site condition. Note: 1 set means one end of the block section.	Set	4.00	22461.00	89844.00
28	28	Excavation of earth pit, placing & fixing of Earth electrode with construction of cement enclosure to SEM Drawing No. 19-D6 and drawl of 6 SWG GI/Copper cable from earth electrode to goomtys/relay room/cabin/station, etc. and drawl of MS flat 35mm x 6mm for signal post/Location box shall be used as the case may be, including fixing at both ends of the wire/MS flat. This includes transportation of materials. Note: Materials such as charcoals, salt, sal ammoniac, 6 SWG GI wire, copper lugs with Steel bolts & nuts etc. shall be supplied by the contractor. MS flat 35mm x 6mm/Copper cable shall be supplied by Railway.	Numbers	20.00	1791.00	35820.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

29	29	Installation of Single Maintenance Free Earth pit as per RDSO Drawing No. SDO / RDSO/E&B/001 which includes the following, a) Digging/Auguring/Boring of single earth pit of 100mm to 125mm dia. to the depth of approx. 3 meter. b) Insertion of 3.0 meter electrode and penetrating it minimum 150 mm by pushing gently with sledge hammer where the natural soil is assumed. (c) Filling of earth pit with Earth Enhancement Compound (EEC) in slurry form and backfilling. (d) Carrying out exothermic weld connection on single earth electrode to a copper tape of 200 x 25 x 6 mm. (e) Carrying out exothermic weld connection on the copper tape of 200 x 25 x 6 mm on Earth Electrode for connecting two 35 Sq. mm cables for redundancy. (f) The exothermic welding material for bonding the earth system shall be procured from RDSO approved firms, which includes graphite modules, clamps, weld metal powders etc. (g) The dimension of the chamber will be of 300 x 300 x 300 mm (inside dimension) of RCC with 50mm thick and fine finish, Inspection chamber should be as per IEC 62561-5 or latest. The top RCC cover size shall be 400 mm X 400 mm X 50mm. The date of testing and earth resistance value shall be written on the cover with black base with yellow paint or as per instruction of site engineer.	Set	3.00	6098.00	18294.00
30	30	Splicing of Optical Fiber Core and routing in joint closure/FDMS as per instruction of site Engineer. Note: Here unit Each means Core.	Each	336.00	152.00	51072.00
31	31	Supply, transportation and installation of RCC joint chamber with two piece top cover and bottom cover with holes for drainage and cable entry, as per Drawing No. RDSO/TCDO/COP-21 or latest. This includes trenching for jointing pit of size min 1.5 m X 1.5 m X 1.2m for all types of soils, back filling and ramming of the pit after placing the joint closure and cable loop in the chamber including dry sand upto 600mm height without causing any damage to same and consolidation of soil as well as disposal of excess soil.	Numbers	20.00	4811.00	96220.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

32	32	Execution of Straight joint on Quad cable/ jelly filled Telecom cable using Thermoshrink/Universal jointing kit (RTSF). This includes excavation of cable joint pit of size 1.5 m X 1.5 m X 1.2 m for jointing of cables, back filling and ramming after jointing. After jointing, the cable through test such as insulation test, continuity test etc. to be carried out jointly with Railway Engineer. If any defect or any damage is observed during jointing the contractor has to redo the joint free of cost. Note: In case jointing is required to be done in the Location boxes, then 80% payment will be released.	Numbers	40.00	1437.00	57480.00
33	33	Transportation and fixing of following types of C.T. Box (Aluminium/Wago type) and termination of cable as per details of jointing schedule approved by the Railway Engineers. 20 pair C.T. Box/Krone type DP Box.	Numbers	2.00	916.00	1832.00
34	34	Physical tracing and opening/locating of existing working cables by precision digging for diversion of cables in connection with cable clearance for engineering earth work or for utility shifting without interfering the circuits as per the advice of Railway site engineer.	Metre	2333.00	257.00	599581.00
35	35	Hiring of JCB/Hydra/Poclain machine in good working condition for earth cutting, levelling, dressing etc., of ground/dismantling structures including disposal of debris through dumpers/Shifting the location box or signal post with foundation etc. with contractor's labour including machine operator, fuel etc. Payment shall be made for actual working hours at site & proportionate payment to be made in case less than hours. Note: Vehicle shall not be more than 3 years old.	Hour	400.00	995.00	398000.00
36	36	Supply, transportation and installation of RCC joint chamber with two piece top cover and bottom cover with holes for drainage and cable entry, as per Drawing No. RDSO/TCDO/COP-21 or latest. This includes trenching for jointing pit of size min 1.5 m X 1.5 m X 1.2m for all types of soils, back filling and ramming of the pit after placing the joint closure and cable loop in the chamber including dry sand upto 600mm height without causing any damage to same and consolidation of soil as well as disposal of excess soil.	Numbers	20.00	4811.00	96220.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

37	37	Protection, adjustments and reinstating of S & T gears by deputation of Fitter/wireman /Painter/welder/Mason/cable jointer i.e., Skilled labour for executing additional Signalling & Telecom portion of the works. The work can involve fixing, releasing, dismantling, replacement, painting or alteration of various signalling assets or parts, termination of cables, minor patch work on damages at location box, Plastering, concreting brick work, wiring alterations, cable jointing etc. as per instruction of Railway representative at site. The contractor has to carry materials to field and the released materials from site has to be taken back to the concerned SSE/Signal store. The contractor has to arrange necessary tools for carrying out the work as per Railway representative instruction.	Man-Days	300.00	921.00	276300.00
					Total	6091415.00
Schedule	Schedule M-Execution of all work as per schedule					
Item- 13	S&T Micro Tunneling items					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Horizontal Drilling by using manual pushing method (also called moling) at minimum depth of 1.5 meter below the formation level of earth as per decision of Engineer in charge. Boring diameter should be atleast 110mm. The ground level shall be considered ignoring the bank height of the bank of the road. Note: DWC/HDPE/GI Pipe Supply is covered under this item. Contactor shall provide all material required for work and adequate nos. of labours for proper laying of cables into the bore. Cable shall be laid cautiously so that it should not get damage due to rough handling & pressure on cable. Payment of boring shall be made only after laying of the cables into DWC/HDPE/GI pipe.	Metre	600.00	1023.00	613800.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

2	2	Transportation of HDT machine/Micro Tunnelling through Horizontal directional drilling (HDD) machine with accessories including handling of stores materials, preparation of sites, boring and laying of DWC/HDPE/GI pipes for crossing of S&T cable at bridges/culverts/track crossing/pucca road crossing. Boring diameter should be at least 110mm & shall be minimum 3 (three) meter below the river bed and minimum 1 m at track/road/pucca road crossing area etc. In case the site doesn't allow to perform as per schedule, written approval must be obtained from at least site in charge officer. The ground level shall be considered ignoring the bank height of the bank of the road. Note: DWC/HDPE/GI Pipe Supply is not covered under this item. Contactor shall provide all material required for work and adequate nos. of labours for proper laying of cables into the bore. Cable shall be laid cautiously so that it should not get damage due to rough handling & pressure on cable. Payment of boring shall be made only after laying of the cables into DWC/HDPE/GI pipe is laid in the bore.	Metre	250.00	647.00	161750.00
					Total	775550.00
Schedule	Schedule N-Execution of all work as per schedule					
Item- 14	S&T Non Schedule items					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Programming and Geo Tagging by taking latitude & longitude by using Integrated Locator or similar in Existing/New S&T cable route with Digital mapping through mobile application. Provision of soft and hard copy of Digital route plan, Geotagging Data long with Railway track to cable distance on digital mapping considering following conditions; i. Survey of existing underground cable using latest technology equipment like-Cable Route Tracer and having RTK based GPS tagging facility using Catalyst correction service capturing depth and location of U/G cables with GNSS coordinates with accuracy & capturing distance of cable from fixed structure/nearest track from fixed structure/ nearest track. Preparation of such cable route plan by using suitable software tools. Report will show location, depth of underground cables, and distance from fixed structure/mast with suitable intervals as decided by Railway. Data to be handed over to railway after survey are: - (i)Soft copy/ Coordinates acquired as per the Railway requirement in	Kilometre	7.00	41819.75	292738.25

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

	<p>suitable USB. (ii) Hard copy of cable route showing depth, Location (coordinates), distance from fixed structure, as decided by Railway representative, in 01 Tracing & 02 copies of Final Paper print. ii. S&T cable route locating by Geo- Tagging per Route Km of Trench for signalling cable & Telecom cable etc, should be with accuracy, with Minimum depth of cable In trench based on Ground Level at that location to be indicated. Data Output should be mapped provided on (.kml) format with integrated depth data of cables mapped. iii. Equipment utilized should have Utility mapping software used on mobile phone (Mobile phone with Utility mapped software should take data via Bluetooth from both Cable locator & RTK Global Navigation Satellite System receiver with autocorrection service simultaneously to provide integrated data output). iv. Additional map required with Cable distance from nearest Track to be included and provided as hard copy map with G coordinates of cable mentioned. Cable Join locations to be indicated in Route Map. v. Separate colour code to be used for different trench for S&T cables, if applicable. vi. In Route Map, Geo Tagging may be placed at an interval distance of 20 metre for approximate straight path. For track crossing diversion, culvert, jointing locations, interval distance shall be less than 20 Mtrs or as per site condition. vii- Data output to be provided on: 1. USB 2. Hardcopy print Training on Geo - Tagging of cable Route to be included.</p>			
--	--	--	--	--

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

2	2	Supply of GNSS based cable route tracer kit with receiver with built in mount for GNSS receiver, 12W or higher power transmitter with >=130V Voltage boost, suitable for detecting & mapping underground cables with accuracy up to 25 cm, with current direction up/downarrows. Supply shall include locating receiver with RTK receiver powered by locator receiver, transmitter, compatible dual Bluetooth android phone, mobile application pre-installed in android device with 5 years subscription & PC database software access fordirect map generation & downloadincluding depth data, 5 years subscription for GNSS correctionservice & standard accessories, per specification attached. Make/Model: Rycom Pathfinder PLDL Route locator with Trimble DA2 GNSS receiver or similar. Inspection by RITES. Note-1: Item should be compatible to execute with item no.1 above. Note-2: Authorization MOU from OEM/Authorized Indian representative of OEM of underground cable locating and GNSS Mapping tools. In case OEM is located outside India it should have authorized training, repair and service center facility in India certificate should be provided. Hardware and software should provide should not have malicious code. The OEM or there authorized presentative shall have service facility in India. Self-declaration of OEM having service facility in India or service center authorization letter to it's representative in.	Numbers	1.00	1147194.00	1147194.00
					Total	1439932.25
Schedule	Schedule O-Execution of all work as per schedule					
Item- 15	S&T Supply items					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of Steel Apparatus case Full height as per Drawing No. SK/Drg./OL/SER /198 or latest with E type lock . E-type lock & their key ward No. will be decided by site engineer as per Specification No. IRS: S-10/78 with Rev. 8 or latest. Supply of Hylam sheets is not covered under this scope. This includes supply of one key & handle for each four Apparatus Case or minimum one.	Numbers	20.00	17430.00	348600.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

2	2	Supply of Steel apparatus case (Half) type as per Drawing No. RE/S&T/ALD/SK/ 220/82 Alt.A and 221/82 with Alt. B or latest with E type lock. E type & their key ward No. will be decided by site engineer as per Specification No. IRS:S-10/78 with Rev. 8 or latest. This includes one key & handle for each four Apparatus Case or minimum one.	Numbers	20.00	10955.00	219100.00
3	3	Supply of Steel Apparatus Case (Quarter) as per Drawing No. RE/S&T/ALD/SK/227/ 82 or latest with E type lock. E type lock & key ward no. will be decided by site engineer as per Specification No. IRS:S-10/78 with Rev. 8 or latest. This includes one key & handle for each four Apparatus Case or minimum one.	Numbers	5.00	5421.00	27105.00
4	4	Supply of Earth Electrode as per Drawing No. 19-D6 of SEM-2021 or latest. GI pipe confirming to IS:1239 or latest of 3.17 mm thickness, minimum 2.5 m long, 50.8 mm diameter, 4.76 mm diameter drilled holes staggered at distance of 152.4 mm.	Set	20.00	2712.00	54240.00
5	5	Supply of HDPE pipe as per Specification No. RDSO/SPN/TC/45/2013 Rev-2.0 or latest with OD/ID of size 50mm/42mm with suitable couplers, plugs, end caps, spacer, T band etc. as required during execution at the site.	Kilometre	3.00	74576.00	223728.00
6	6	Supply of Point Junction Box with angle size 50x50x6x100 mm & without PBT terminal for point machine as per approved drawing.	Numbers	30.00	1699.00	50970.00
7	7	Supply of Thermo-shrink jointing (TSF) kits for jointing underground Quad cable of size 0.9mm/1.4mm diameter conductor for straight/condenser/Y-(Derivation)/Loading Coil/Transformer Joints as per Specification No. IRS-TC-77/2012 Rev.3 with Amd. 3.0 or latest.	Numbers	40.00	3404.00	136160.00
8	8	Supply of 35 mm x 6 mm thick MS Flat Plate Strip as per IS: 226-1975 or latest for earth connection to Signal post, L/Box etc.	Metre	20.00	166.00	3320.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

9	9	Supply of basic material to construct unit Maintenance Free Earth for Single Earth consisting as per Spec. No. RDSO/SPN/197/2016 Ver 1.0 or latest, bonding connections drawing no. SDO/ RDSO/E&B/002 or latest are as under, (a) Copper bonded steel electrodes of 3.0 m long, 17.0 mm diameter with copper bonding thickness of min 250 micron and UL listed and marked -1 No. (b) Earth Enhancement compound supplied in sealed bags of min 30-35 Kg.- 1 No. (c) Copper Strip of 200mm x 25mm x 6mm to exothermically welded to Earth electrode- 1 No. (d) Copper Strip of 300mm x 25mm x 6mm (MEEB) - 1 No.(e) Copper Strip of 150mm x 25mm x 6mm (SEEB)-1 No. It also includes supply of (i) 35 Sq. mm Multi-strand Single Core PVC insulated Copper Connector as per IS:694 for connecting Main Earth Electrode to MEEB in the equipment room in duplicate.-10 meter (ii) 16 Sq. mm Multi-strand Single Core PVC insulated Copper Connector as per IS:694 for connecting MEEB to SEEB and SPDs to MEEB.-10 meter (iii) 10 Sq. mm Multi-strand Single Core PVC insulated Copper Connector as per IS:694 for connecting various equipment to SEEB- 10 meter.	Numbers	3.00	17719.00	53157.00
10	10	Supply of 20 Pair CT box made of 16 SWG CRC sheet with disconnection and reconnection (wago type). The CT Box should be grey colour powder coated with terminal, washer, nut & bolt should be of brass. There shall also be locking arrangement.	Numbers	2.00	3599.00	7198.00
11	11	Supply of metallic Colour Light Signal, Multi Unit type Two Aspect complete but without lamp holder, lenses & transformers as per IRS:S-26/64 or latest and RDSO Drawing No. SA23003 A/M (Adv.) or latest. Mounting socket including its material shall be as per RDSO Drawing No. S 23005/M or latest for mounting on 140 mm outside diameter post.	Numbers	1.00	16711.00	16711.00
12	12	Supply of metallic Colour Light Signal, Multi Unit type Three Aspect complete but without lamp holder, lenses & transformers as per IRS:S-26/64 or latest and RDSO Drawing No. SA23002 A/M (Adv.) or latest. Mounting socket including its material shall be as per RDSO Drawing No. S 23005/M or latest for mounting on 140 mm outside diameter post.	Numbers	2.00	18910.00	37820.00

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

13	13	Supply of metallic Colour Light Signal, Multi Unit type Four Aspect complete but without lamp holder, lenses & transformers as per IRS:S-26/64 or latest and RDSO Drawing No. SA23001 A/M (Adv.) or latest. Mounting socket including its material shall be as per RDSO Drawing No. S 23005/M or latest for mounting on 140 mm outside diameter post.	Numbers	1.00	21346.00	21346.00
14	14	Supply of Shunt Signal Position Light type complete with base, post etc. as per Drg. No.SA- 23840 (Adv.) Alt '1' or latest, S-23203 or latest and Drg. No. 23845(Adv.) or latest for 90 mm dia. mounting socket as per Specification No. IRS:S-10/78 with Rev. 8 or latest.	Numbers	1.00	8017.00	8017.00
					Total	1207472.00
Schedule Schedule P-Execution of all work as per schedule						
Item- 16 S&T Non schedule Supply items						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	ISI Marked HDPE pipe 110mm dia conforming to IS.4984 or latest. Made of virgin material and grade of PE63 pressure at 30 degree centigrade PN6 coil type or 6Mtr Length Pipe. Colour: Black. Make: VENUS, Amatron, Apollo, Surya, Finolex or equivalent.	Metre	250.00	385.27	96317.50
					Total	96317.50

4. ELIGIBILITY CONDITIONS

Important : All documents uploaded and remarks / confirmation entered by the bidders against any eligibility condition shall be opened as part of technical bid only

Standard Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Submit the scanned copy (In PDF Form) of the documents as per the requirement of financial eligibility criteria of the tender [Refer para 2.3 of tender document {Para 2.3 for tenderer(s) participating as JV firm}]. TENDERS NOT ACCOMPANIED BY THESE DOCUMENTS WILL BE SUMMARILY REJECTED.	No	No	Allowed (Mandatory)
1.1	Submit the scanned copy (In PDF Form) of the documents for evaluating the Bid Capacity (Please refer Clause 12.25 of tender document). This is applicable in all works contract having tender value of Rs. 10.00 Crore and above. TENDERS NOT ACCOMPANIED BY THESE DOCUMENTS WILL BE SUMMARILY REJECTED.	No	No	Allowed (Mandatory)

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Special Eligibility Criteria Electrical: Technical Capability: (i) Tenderer or Sub contractor engaged by Contractor must possess valid Electrical Contractor License. (ii) Personnel shall have Requisite competency certificate of appropriate Voltage Class for this work. Tenderer or Sub Contractor engaged by Contractor has to submit documentary proof for both i.e. Firms Electrical Contractor License and individual's competency certificate separately as stated above. (iii) In case of Sub Contractor engaged by contractor, sub-contractor shall comply norms of Clause no.7 (Part II) of GCC-2022.	No	No	Allowed (Mandatory)

Standard Technical Criteria

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Submit the scanned copy (In PDF Form) of the work(s) completion certificate(s) as per the requirement of Technical eligibility criteria of the tender [Refer para 2.3 of tender document {Para 2.3 for tenderer(s) participating as JV firm}]. TENDERS NOT ACCOMPANIED BY THESE DOCUMENTS WILL BE SUMMARILY REJECTED.	No	No	Allowed (Mandatory)
1.1	Defination of Similar Work :- 1. Any Civil Engineering work involving Earthwork in formation, Bridge work and track linking work. Or 2. (i) Any Civil Engineering work involving Earthwork in formation including Bridge works. And (ii) Any Track Linking Work of at least 10% of advertised value of present tender.	No	No	Not Allowed

Bidders shall confirm and certify on the behalf of the tenderer including its constituents as under:

S.No.	Description
1	I/we the tenderer (s) am/are signing this document after carefully reading the contents.
2	I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3	I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website www.ireps.gov.in . I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
4	I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5	I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6	I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7	I/we certify that I/we the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
8	I/we understand that if the contents of the certificate submitted by us are found to be forged/false at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two year. Further, I/we and all my/our constituents understand that my/our offer shall be summarily rejected.
9	I/we also understand that if the contents of the certificate submitted by us are found to be false/forged at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/Security Deposit and Performance guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two year.
10	I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfil all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.

S.No.	Description
1	Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. Please submit a certificate in the prescribed format (please download the format from the link given below). Non submission of the certificate, or submission of certificate either not properly filled in, or in a format other than the prescribed format shall lead to summary rejection of your offer. (Click here to download the Format of Self Certification)

5. COMPLIANCE

Important : All documents uploaded and remarks / confirmation entered by the bidders against any compliance condition shall be opened as part of technical bid only.

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
-------	-------------	-----------------------	-----------------	---------------------

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

1	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)
---	---	----	-----	--------------------

General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Notes for all schedules: Standard Schedule of Rates (SSOR) Items: Any item of work carried out by the Contractor on the instructions of the Engineer which is not included in the accepted Bill(s) of Quantities but figures in the Standard Schedule of Rates (SSOR), shall be executed at the rates set forth in the "Standard Schedule of Rates (SSOR)" modified by the tender percentage as accepted in the contract for that chapter of Standard Schedule of Rates (SSOR). However, the cumulative value of all such extra item(s) together (modified by the respective tender percentage) shall not exceed 10 % of the original contract value.	No	No	Not Allowed
2	Option of Payment through Letter of Credit (L.C.): Tenderer(s) may submit option for taking payment through Letter of Credit (L.C.). [Refer para 7.1 of tender document].	No	No	Not Allowed
3	Credentials if submitted in foreign currency shall be converted into Indian currency i.e., Indian Rupee as under: The conversion rate of US Dollars into Rupees shall be the daily representative exchange rates published by the Reserve Bank of India for the relevant date. Where, relevant date shall be as on the last day of month previous to the one in which tender is invited. In case of any other currency, the same shall first be converted to US Dollars as on the last day of month previous to the one in which tender is invited, and the amount so derived in US Dollars shall be converted into Rupees at the aforesaid rate. The conversion rate of such currencies shall be the daily representative exchange rates published by the International Monetary Fund for the relevant date.	No	No	Not Allowed
4	Electronic Reverse Auction (eRA) is applicable in works tender valued more than Rs 50 crore in each case. [Refer para 7.2 of tender document].	No	No	Not Allowed
5	Contract under EBR (IF): It is agreed by and between the parties that Railway shall continue to be held responsible for all obligations, risk and liabilities, whatsoever, arising out of or in connection with the Principal agreement and this novation agreement, whether during the progress of the work or after its completion. It is further agreed and understood by and between the parties that IRFC shall be the owner of assets, if any, arising out of execution of works as defined in the Principal Agreement, except the land whose ownership shall continue with Railway. Accordingly, the invoices shall be issued by capturing GSTIN of contractor (as the supplier) and GSTIN of IRFC (as bill to party). Also, the contractor shall submit the invoice, issued in the name of IRFC, to railway for processing payment by Railway to contractor subject to applicable TDS under the Income Tax, GST or any other applicable laws. It is further agreed by and between the Parties that IRFC shall be responsible to comply with Income Tax and GST laws in relation to filing of returns.	No	No	Not Allowed
6	There are several changes in the tender document after the new GCC April 2022 is issued. Tenderer(s) are requested to go through the tender document & GCC carefully before the submission of the offer.	No	No	Not Allowed
7	Clarification of Bids: To assist in the examination, evaluation & comparison and pre-qualification of the Tender, the Railway may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder that is not in response to a request by the Railway shall not be entertained or considered. The Railway request for clarification and the response of the bidder in this regard shall be in writing. However, if a Bidder does not provide clarification of its bid by the date and time communicated in the Railway request for clarification, the bid shall be evaluated as per the documents submitted along with the bid.	No	No	Not Allowed
8	All General Instructions are available in the uploaded tender document.	No	No	Not Allowed

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

9	The original Bank Guarantee should be delivered in person to the official nominated as indicated in the tender document before closing date for submission of bids (i.e. excluding the last date of submission of bids). Nominated officials are Dy CE/Con/Works & Stores/GRC, S. E. Railway, Kolkata-700043 and Dy CE/Con/II/Kharagpur, Office of the Dy CE/Con/II/Kharagpur, S. E. Railway.	No	No	Not Allowed
---	---	----	----	-------------

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Apostille Clause: (I) A power of attorney (PoA) executed outside of India should meet following requirements: 1. If the PoA is in a foreign language, it must be translated into English and certified. 2. The PoA must be authenticated by an Indian consulate in the country where it was executed. If the PoA was executed in a country that is a member of the Hague Convention, it can be apostilled instead of being authenticated by an Indian consulate. The apostille should be verifiable online. 3. The PoA must be stamped in India within three months of its arrival, with the appropriate stamp duty. 4. The PoA must comply with Indian laws, including the Indian Registration Act and Power of Attorney Act. (II) Documents issued out of India (Balance Sheets, Statutory Auditor's certificate etc) should meet following requirements: 1. If the document is in a foreign language, it must be translated into English and certified. 2. The document must be authenticated by an Indian consulate in the country where it was executed. If that document was executed in a country that is a member of the Hague Convention, it can be apostilled instead of being authenticated by an Indian consulate. The apostille should be verifiable online.	No	No	Not Allowed
2	Unique Document Identification Number (UDIN) clause: Any certificate issued by the Statutory Auditor/Chartered Accountant must include Unique Document Identification Number (UDIN). The certificate not accompanied by UDIN, such certificate shall be summarily rejected.	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Scanned copy (in PDF Form) of the Information regarding the Association of Railway Officer(s) with the tenderer - For details please see para 2.3.11 of Tender Document.	No	No	Allowed (Mandatory)
2	Details of works completed/substantially completed by the tenderer(s) during last seven years to be submitted as per format available at para 12.30 of tender document duly certified & verified by Chartered Accountant.	No	No	Allowed (Mandatory)
3	SCANNED COPY (IN PDF FORM) OF ALL THE DOCUMENTS OF THE JOINT VENTURE (JV) FIRM AS MENTIONED IN THE PARA 2.3 OF THE TENDER DOCUMENT. IF THE TENDERER IS A JOINT VENTURE FIRM, ALL THE REQUIRED DOCUMENTS SHOULD BE UPLOADED HERE. For all other type of firms (Other than JV firms) the tenderer has to upload the scanned copy (In PDF Form) of all the documents as mentioned in clause 2.3 of the tender document.	No	No	Allowed (Mandatory)
4	Scanned copy (In PDF Form) of the Vendor Mandate Form as per specific format provided in the para 4 of tender document. The Tenderer is required to declare Bank details and A/C No. etc. in Vendor Mandate Form.	No	No	Allowed (Mandatory)
5	Scanned copy (In PDF Form) of the complete address of the firm as per para 1 of tender document, to which the all correspondences shall be made by the railway.	No	No	Allowed (Mandatory)
6	Scanned copy (In PDF Form) of valid Provident fund (PF) Code Number of the establishment/tenderer.	No	No	Allowed (Mandatory)
7	Scanned copy (In PDF Form) of Goods and Services Tax (GST) Registration Certificate containing GST Registration Number.	No	No	Allowed (Mandatory)
8	Scanned copy (In PDF Form) of certificate by tenderer for site visit & familiarization (Refer para 11 of tender document).	No	No	Allowed (Mandatory)

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4643-GRC-CE-C-SO-26-2026

Closing Date/Time: 07/07/2026 12:00

9	Scanned copy (In PDF Form) of declaration by tenderer as per para 6 of tender document.	No	No	Allowed (Mandatory)
10	Scanned copy (In PDF Form) of the list of the persons of the tenderer on hand & proposed to be hired for this tender.	No	No	Allowed (Mandatory)
11	Scanned copy (In PDF Form) of list of the plants & machinery of the tenderer available on hand and proposed to be inducted & hired for this tender.	No	No	Allowed (Mandatory)
12	Scanned copy (In PDF Form) of list of the arbitration/court cases of the tenderer during last three years.	No	No	Allowed (Mandatory)
13	Scanned copy (In PDF Form) of the sub contractor's work experience certificate (Please refer Clause 13.37 of tender document).	No	No	Allowed (Mandatory)
14	Bid Security is required to be submitted/uploaded as per para 12.3 of tender document.	No	No	Allowed (Mandatory)
15	Scanned copy (in PDF Form) of Power of Attorney as para 2.3.10 of tender document.	No	No	Allowed (Mandatory)

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	TD26-2026.pdf	Tender Document
2	AdvanceCorrectionSlipNo1to11_1.pdf	Advance Correction Slips
3	BarChart_1.pdf	Bar Chart
4	STconditions.pdf	S and T conditions
5	GCCApril-2022.pdf	GCC 2022

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

Signed By: AKSHAYA KUMAR SAHOO

Designation : Dy.CE/C/WORKS STORES