

**PALAKKAD DIVISION-S AND T/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: J-SG-OT-12-2026-662346

Closing Date/Time: 03/07/2026 15:00

Sr.DSTE/PGT acting for and on behalf of The President of India invites E-Tenders against Tender No **J-SG-OT-12-2026-662346** Closing Date/Time 03/07/2026 15:00 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	Augmentation of Block Working Arrangements by Provision of Solid State Block Instruments in lieu of Existing FM Block Instruments in POY-CNV and VNB-NIL Single Line Block Sections of Palakkad Division, along with Associated EI Alterations and Other Signalling Works at POY and CNV Stations.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	03/07/2026 15:00	Date Time Of Uploading Tender	11/06/2026 18:42
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	14469883.92	Tendering Section	SIGNALPGT
Bidding Style	[Decision at Schedule level]	Bidding Unit	
Earnest Money (Rs.)	289400.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	12 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	19/06/2026		
Are JV allowed to bid	No	Number of JV Member Allowed	0
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-SOR ITEMS							1276856.85	Above/ Below/P ar
1	021330	140.00	Per Unit	285.86	40020.40	44.04	57645.38	
	Description:- Wiring of Relay Inputs to Wago Block and Wago block to Datalogger. Necessary Wagos required is included as per schedule							
2	021340	20.00	Numbers	285.86	5717.20	44.04	8235.05	
	Description:- Wiring of Analog Voltages from IPS Room to Datalogger. Necessary Wagos required is included as per schedule							
3	031040	4.00	Numbers	28118.51	112474.04	44.04	162007.61	
	Description:- Supply and Provision of Earthing as per RDSO Specification RDSO/SPN/197/2008 or latest (as per Technical Specification enclosed)							
4	051160	1000.00	Metre	301.05	301050.00	44.04	433632.42	
	Description:- Supply of Underground jelly filled 6 QUAD, 0.9MM Dia as per spec IRS:TC 30-05 with amd 5 or latest							
5	051300	4.00	Numbers	3962.00	15848.00	44.04	22827.46	
	Description:- Supply and fixing of 2 0 pair Krone module housed in MS box and termination of Cables							
6	051320	4.00	Numbers	4761.16	19044.64	44.04	27431.90	
	Description:- Supply and fixing of 20 pair CT box and termination of cables							
7	051410	20.00	Numbers	262.65	5253.00	44.04	7566.42	
	Description:- Supply of RCC cable markers (Supply of RCC cable markers as per drawing No.CSTE/CN/OFC/1. The lettering on the cable marker shall be "SIG" / "TELE" / "OFC" as per the instructions of Railway representative at site.) as per drawing enclosed							
	051440	500.00	Metre	64.10	32050.00	44.04	46164.82	

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8	Description:- Excavation of cable trench in all kinds of soil except hard rocky areas including clearing of roots of trees, rocks, bushes etc. to a depth of 1.0 Mtrs and to a width of 0.3 Mtrs. (Laying of cables is not included in this schedule)						
9	051490	150.00	Metre	314.41	47161.50	44.04	67931.42
	Description:- Removing/breaking of existing RCC slabs on the Passenger Platform, trenching to a depth of 0.6m to accommodate the additional cables, replacing the slabs removed after the cables are laid and replastering with cement mortar, refilling the trench by ramming and consolidating it as per the instructions of Railway Representatives at site. (Laying of cables is not included in this schedule).						
10	051520	36.00	Metre	385.45	13876.20	44.04	19987.28
	Description:- Excavation of trench to a depth of 1 Mtr. for track crossing of cables, refilling of trench by ramming and consolidating it as per the instructions of Railway representative at site after laying of DWC/RCC pipes. During excavation of trench, it has to be ensured that the excavated soil does not mix with the ballast available. The depth of 1m trench shall be from the bottom of sleepers for track crossings. Laying of cables and DWC pipes is not included in this schedule. (Supply of DWC/RCC pipes with couplers/collars is not included in this schedule).						
11	051590	2000.00	Metre	18.18	36360.00	44.04	52372.94
	Description:- Laying of signaling/power/ telecommunication cables as per cable plan in cable trenches, masonry ducts, RCC Pipes, DWC pipes, GI Pipes etc.(Supply of cables is not included in this schedule).						
12	051630	500.00	Metre	15.40	7700.00	44.04	11091.08
	Description:- "Refilling of cable trench 1m depth by 0.3m width throughout, with earth after laying of cables, and consolidating the trench by ramming and levelling."						
13	051680	20.00	Numbers	123.35	2467.00	44.04	3553.47
	Description:- "Digging of pit to a depth of 800mm of size 300mmX300mm, casting of concrete foundation of size 300mmX300mmX300mm and Placing of RCC cable markers on top of the foundation and refilling the pit and consolidating it by ramming. The cable markers shall be provided at an interval of 20 Mtrs. within station limits and 50 Mtrs. outside station limits throughout the cable route, diversions and also at every track/road crossing."						
14	051720	12.00	Metre	1351.45	16217.40	44.04	23359.54
	Description:- "Road crossing/ Track Crossing through Horizontal Drilling at approximately depth of 1.5 to 2m below the formation level of the earth including insertion of HDPE pipe/DWC pipe along with couplers, drawl of cable (or) direct drawl of cables etc. (Note: The pilot used for HDD should be of sufficient size to suit insertion of HDPE /DWC pipe of size 120mm (outer dia.) or direct drawl of three cables (Signalling/Power/Quad/OFC) or three nos.of 40mm dia HDPE pipe or any other combination as directed by the site engineer) (Supply of HDPE pipe is not covered in this schedule)"						
15	051740	50.00	Metre	23.43	1171.50	44.04	1687.43
	Description:- Blowing/Drawing of OFC cable/Power cable/Signalling cable inside permanently solid lubricated HDPE Pipe already laid. This work includes necessary duct integrity test for solid lubricated HDPE pipe. (This includes Transportation of materials from nominated stores to site)						
16	071360	4.00	Numbers	15009.60	60038.40	44.04	86479.31
	Description:- Fabrication and Supply of box suitable for 4 Nos of KLCRs						
17	101010	48.00	Metre	365.19	17529.12	44.04	25248.94
	Description:- Supply of Double walled corrugated pipe - 103.5mm inner dia & 120mm outer dia conforming to specification No. IS 14930(Part 2): 2001 with one coupler for every 6m of pipe as per Technical specification						
18	101060	500.00	Metre	46.15	23075.00	44.04	33237.23
	Description:- Supply and laying of PVC Warning Tape colour Orange, width of 250mm (10") by printing with black letters 'Indian RailwaySignal/Telecom/OFC Cable' on both sides						
19	101080	50.00	Metre	60.93	3046.50	44.04	4388.18
	Description:- Supply of HDPE Pipe 40mm (outer dia)/33 mm (inner dia) with couplers						
20	111340	1.00	Numbers	11333.10	11333.10	44.04	16324.20
	Description:- Excavation of pit, casting concrete foundation and erection of apparatus case full size as per Drg. No.SG/CN/02/6 and fixing of 2 Nos. of 'E' type locks, one for the front door and another for the back door, fixing of one hard wood shelf plank 37mm thick and painting the apparatus case inside and outside with one coat of red-oxide and two coats of aluminium paints.(Supply of apparatus case is not included in this schedule).[Foundation bolts & nuts, 'E' type locks, cement, M sand, stone jelly of size 20/25 mm, hardwood plank of 37mm thick, paints, varnish, fixing bolts & nuts and all other miscellaneous materials required for the work shall be supplied by the Contractor.]						
	111360	1.00	Numbers	8787.04	8787.04	44.04	12656.85

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21	Description:- "Excavation of pit, casting concrete foundation and erection of apparatus case half size as per Drg, No.SG/CN/02/7, fixing one 'E' type lock for the front door and latching arrangement for the back door, and fixing of one hardwood shelf plank 37mm thick and painting the apparatus case inside and outside with one coat of red-oxide and two coats of aluminium paints.(Supply of apparatus case is not included in this schedule).[Foundation bolts and nuts, cement, 'E' type locks, M sand, stone jelly of size 20/25mm,37mm hard wood planks, latching ""arrangements, paints, varnish, fixing bolts & nuts and all other miscellaneous materials required for the work shall be supplied by the Contractor]"						
22	111440	100.00	Per Unit	73.59	7359.00	44.04	10599.90
Description:- Termination of new main/tail cables on the existing terminals/ fuse blocks in apparatus cases/ battery boxes/ CT boxes/ cable termination racks as per approved circuit diagram. The terminal particulars are to be repainted /corrected on the doors of apparatus cases/ battery boxes/ cable termination boxes and FTOT index board as instructed by Railway representative at site. This work includes closing the opening created for entry of new cables in the apparatus cases with masonry brick work and sealing the bottom of the apparatus cases/ cable termination racks with cable compound.[Paints, wire PVC 3/0.75mm and 16/0.2mm copper, sealing compound, bricks, cement, M sand and all other required miscellaneous materials shall be supplied by the contractor]. (Per Unit = Per Terminal block)							
23	111450	50.00	Per Unit	172.14	8607.00	44.04	12397.52
Description:- Termination of main, tail, Signaling and power cables and internal wiring on terminal/ fuse blocks in new apparatus cases, cable termination boxes and in gate Lodges excluding cable termination rack at relay room. The work includes fixing of all new cables by teakwood clamp on teakwood base plank, fixing of Phynolic synthetic industrial fibre base fine weave cotton fibre board 6mm thick for terminal board to suit each apparatus case, varnishing all teakwood items, fixing of terminals/ fuse blocks on the terminal board, drilling of necessary holes, termination of cables, wiring, identification of cables using aluminium tags with letters punched neatly, as per approved circuit diagram and cable plan, painting of particulars on sleeves and also on the inner side of the doors of apparatus cases. After terminations are "over, the side openings of apparatus case foundation shall be closed with brick work, cement plastered, the inter-space filled with M sand up to base level and the bottom surface shall be sealed with sealing compound.(Supply of PBT terminals and Fuse blocks is not covered in this schedule)." a)Termination on 25/60mm PBT terminals (new location)(Phynolic sheet)(Per Unit = Per Terminal block)							
24	111460	5.00	Per Unit	209.93	1049.65	44.04	1511.92
Description:- Termination of main, tail, Signaling and power cables and internal wiring on terminal/ fuse blocks in new apparatus cases, cable termination boxes and in gate Lodges excluding cable termination rack at relay room. The work includes fixing of all new cables by teakwood clamp on teakwood base plank, fixing of Phynolic synthetic industrial fibre base fine weave cotton fibre board 6mm thick for terminal board to suit each apparatus case, varnishing all teakwood items, fixing of terminals/ fuse blocks on the terminal board, drilling of necessary holes, termination of cables, wiring, identification of cables using aluminium tags with letters punched neatly, as per approved circuit diagram and cable plan, painting of particulars on sleeves and also on the inner side of the doors of apparatus cases. After terminations are "over, the side openings of apparatus case foundation shall be closed with brick work, cement plastered, the inter-space filled with M sand up to base level and the bottom surface shall be sealed with sealing compound.(Supply of PBT terminals and Fuse blocks is not covered in this schedule)." b)Termination on PBT fuse block (new location) (Phynolic sheet)(Per Unit = Per Fuse block)							
25	111470	100.00	Per Unit	151.09	15109.00	44.04	21763.00
Description:- Termination of main, tail, Signaling and power cables and internal wiring by fixing additional terminals/ fuse blocks on the existing terminal boards of apparatus cases, cable termination boxes etc. The work includes fixing of all new cables by teakwood clamp on teakwood base plank, varnishing all teakwood items, fixing of terminals/ fuse blocks, on the existing terminal boards, drilling of necessary holes, termination of cables, wiring, identification of cables using aluminium tags with letters punched neatly, as per approved circuit diagram and cable plan, painting of particulars on sleeves and also on the inner side of the doors of apparatus cases. After terminations are over, the side openings of apparatus case foundation shall be closed with brick work, cement plastered, the inter-space filled with M sand up to base level and the bottom surface shall be sealed with sealing compound. a)Termination of cables on 25/60mm PBT terminals (existing location)(Per Unit = Per Terminal block)							
26	111480	10.00	Per Unit	188.86	1888.60	44.04	2720.34

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	Description:- Termination of main, tail, Signaling and power cables and internal wiring by fixing additional terminals/ fuse blocks on the existing terminal boards of apparatus cases, cable termination boxes etc. The work includes fixing of all new cables by teakwood clamp on teakwood base plank, varnishing all teakwood items, fixing of terminals/ fuse blocks, on the existing terminal boards, drilling of necessary holes, termination of cables, wiring, identification of cables using aluminium tags with letters punched neatly, as per approved circuit diagram and cable plan, painting of particulars on sleeves and also on the inner side of the doors of apparatus cases. After terminations are over, the side openings of apparatus case foundation shall be closed with brick work, cement plastered, the inter-space filled with M sand up to base level and the bottom surface shall be sealed with sealing compound. b)Termination of cables on PBT fuse block (existing location) (Per Unit = Per Fuse block)							
27	111920	50.00	Metre	26.11	1305.50	44.04	1880.44	
	Description:- Provision of HDPE Pipe of dia 40/33 mm							
28	111930	12.00	Metre	42.46	509.52	44.04	733.91	
	Description:- Laying of DWC/Split DWC Pipes for Track Crossing/Road Cutting/Trenches							
29	112110	4.00	Numbers	1773.23	7092.92	44.04	10216.64	
	Description:- Releasing of existing Block Instruments (all types), Block counters, batteries, block filter, block bell equipment etc., carefully without any damage, accounting and stacking them neatly at a place as instructed by Railway representative at site							
30	112250	30.00	Man-Days	847.59	25427.70	44.04	36626.06	
	Description:- Protection adjustments and re-instating of S&T gears by deputation of Helpers/Unskilled Labour for executing additional S&T portion of the works. The work can involve fixing, releasing, dismantling, replacement,excavation, clearing of vegetation, loading and unloadingof material and assisting skilled persons etc as per instruction of Railway representative.							
31	112260	30.00	Man-Days	1073.45	32203.50	44.04	46385.92	
	Description:- Protection, adjustment and reinstating of S&T gears by deputation of Fitter/Wireman/Painter/Welder/ Mason/Cable Joiner (Skilled Labour or Technician) etc., for executing additional S&T portion of 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 representatives at site.							
32	112270	250.00	MT-Km	22.75	5687.50	44.04	8192.27	
	Description:- Transportation of Signalling materials by road as per the instructions of Railway representative at site. The work also includes loading and unloading of the materials a)Transportation of Signalling materials upto 100kms							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () B-CABLE ITEMS							870102.43	Above/ Below/P ar
33	051010	1000.00	Metre	388.15	388150.00	44.04	559091.26	
	Description:- Supply of 24 Core x 1.5 Sq.mm PVC insulated Armoured, unscreened underground Railway Signalling copper cable as per IRS: S-63/2014 REV.4							
34	051020	1000.00	Metre	215.92	215920.00	44.04	311011.17	
	Description:- Supply of 12Cx1.5 SQMM PVC insulated Armoured, unscreened underground Railway Signalling copper cable as per IRS: S-63/2014 REV.4							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () C-NS ITEMS							12322924.64	
35	NS1	2.00	Set	205000.00	410000.00	AT Par	410000.00	Rs.
	Description:- Supply, installation and commissioning of station master's block panel for Single line-SSBPAC(D)as per RDSO/SPN/175/2005 or latest along with supply of block phone as per RDSO/SPN/191/2005 or latest. Inspection by RDSO.(1 Set =2 Nos)							
36	NS2	2.00	Set	1355000.00	2710000.00	AT Par	2710000.00	Rs.
	Description:- Supply, installation and commissioning of microprocessor based SSBPAC(D) for single line including wiring relay rack without Relays as per RDSO/SPN/175/2005 or latest. It includes installation of SPDs, Auto changeover cards, MTs, equipment racks, Relay racks, LMU etc.All other materials required for successful commission of the work to be supplied by the Contractor. Inspection by RDSO. (1 Set= 2 Nos)							
37	NS3	2.00	Set	29000.00	58000.00	AT Par	58000.00	Rs.

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	Description:- Supply of lightening and surge protection devices Class C for Power Lines to block instrument (Inspection by Consignee) (1Set=2Nos.)							
38	NS4	2.00	Set	25000.00	50000.00	AT Par	50000.00	Rs.
	Description:- Supply of lightening and surge protection devices Class D for data lines (Inspection by Consignee) (1Set=2Nos.)							
39	NS5	2.00	Lot	185000.00	370000.00	AT Par	370000.00	Rs.
	Description:- Supply of following relays (Inspection by RDSO) 1. QNN1 4F 4B RELAY - 4 nos. 2. QNA1 8F 8B RELAY - 10nos. 3. QL1 11F 4B RELAY - 4 nos. 4. QN1 8F 8B RELAY - 4 nos.							
40	NS6	2.00	Set	95000.00	190000.00	AT Par	190000.00	Rs.
	Description:- Supply of Auto-change over card which includes one voice modem circuit & one E1 converter circuit - 2Nos (Inspection by Consignee)							
41	NS7	2.00	Set	55000.00	110000.00	AT Par	110000.00	Rs.
	Description:- Supply of lightning and surge protection devices for data lines to Auto-Change over card. (Inspection by Consignee) (1Set=4Nos.)							
42	NS8	4000.00	Metre	15.00	60000.00	AT Par	60000.00	Rs.
	Description:- Supply of Cable PVC insulated single core with plain annealed copper conductor 16/0.2mm dia as per RDSO Spec IRS S-76/89 or latest - Red Color - 2,000Mtrs, Black color -2000Mtrs							
43	NS9	600.00	Metre	405.00	243000.00	AT Par	243000.00	Rs.
	Description:- Supply of Cable PVC insulated Railway Signalling Indoor Multi core cables (40 Core 0.6 mm diameter) as per RDSO Spec IRS S76/89 or latest.							
44	NS10	600.00	Metre	115.00	69000.00	AT Par	69000.00	Rs.
	Description:- Supply of 6 Core shielded Twisted cable for interfacing maintainer terminal, GPS Module with SSBPAC(D)							
45	NS11	1.00	Numbers	393707.00	393707.00	AT Par	393707.00	Rs.
	Description:- Supply of spares like mother board, line protection card etc for SSBPAC (list attached in Tender document).							
46	NS12	1.00	Station	4505800.00	4505800.00	AT Par	4505800.00	Rs.
	Description:- Alteration at POY station of Westrace VLM6 make EI to suit the provision of single section SSBPAC in POY-CNV block section. This includes Design, FAT, TSAA documents and Submission of As Planned and as built interface drawing, application logic & equivalent circuits. Alteration in existing relay room, this include supply of wiring materials required for alteration work, Alteration in datalogger wiring, SAT and commissioning in connection with alteration work. Supply of ASMADE documents as per SR practice. Detailed description in Technical specifications in Tender document.							
47	NS13	1.00	Station	2113999.34	2113999.34	AT Par	2113999.34	Rs.
	Description:- Modification in design, of WESTRACE VLM6 based EI system in connection with provision of SSBPAC at kinattukadavu. It includes Alteration in wiring, testing, commissioning at kinattukadavu, Activity of FAT, SAT, TSAA documents. Supply of additional WESTRACE EI items, Supply of As made Documents as per SR practice. Detailed description in Technical specifications in Tender document.							
48	NS14	4.00	Numbers	5000.00	20000.00	AT Par	20000.00	Rs.
	Description:- Supply and Fabrication of work surface (Table) for SM room having dimensions as per site requirement) for placing of Train Signal Register.							
49	NS15	4.00	Numbers	15458.00	61832.00	AT Par	61832.00	Rs.
	Description:- Supply of Key Lock Checking Relay (KLCR) working on 24V DC, AC Immunized with different ward combinations and contact configuration 4F/4B with 2 extra ward plates and with case, RDSO spec no. RDSO/SPN/219/2016 ver. 1.0 or latest, confirming to IRS S-23, S-34 & S@45<44@ IRS S:46 (Warranty Period : Up to 30 months from the date of delivery.)							
50	NS16	500.00	Metre	194.25	97125.00	AT Par	97125.00	Rs.
	Description:- Supply and provision of Half split DWC duct of standard make 120mm out dia and 103.5 inner dia in already excavated trenches. Half cut DWC needs to be laid on top of and covering all the cables laid in trenches continuously protecting the cables in the trenches as per the instruction of Engineer in-charge of the work. Inspection: RITES							
	NS17	100.00	Sheet	351.36	35136.00	AT Par	35136.00	Rs.

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51	Description:- Submission of all relevant final 'Asmades' of circuit diagrams, contact analysis charts, termination particulars of apparatus cases and cable termination rack, power supply arrangements, relay index board, cable plans, cable route plans, Track bonding plans and all other particulars covered under various schedules. All 'Asmades' shall be prepared by the Contractor in Autocad 2000 or latest and submitted in USB drives. One hard copy of the 'Asmades' check print in spiral bound booklets shall be submitted for checking. The final soft copy of the 'Asmades' shall be in PDF format and approval shall be with digital signature only. All 'Asmades' except cable plan, cable route plan, bonding diagram & power supply diagram shall be prepared in A3 size. U size plans such as cable plan, cable route plan, bonding diagram, power supply diagram etc. shall be measured in A3 size for recording quantity. On approval the contractor shall submit 6 copies of each drawing. Out of 6 sets, 4 sets of drawings and other plans in spiral bound booklets with thick plastic front & back cover duly mentioning the name of station, drawing and reference SIP No.etc. on front, and 2 sets of drawings and other plans shall be kept in transparent plastic cover (2 sheets back to back in one plastic cover) tied with thick plastic front & back cover duly mentioning the name of station, drawing and reference SIP No. etc. on front, and handed over to Railways. In addition to the above, contractor shall submit 2 Nos. USB drives containing approved 'Asmades' in PDF format and corresponding final Autocad files also. The corrections if any, during checking and approval shall be incorporated in the Autocad files by the contractor. The Contractor should certify that drawings in the approved PDF files are same as the drawings in the the Autocad files. (Per Unit= Per A3 sheet)							
52	NS18	1.00	Set	825325.30	825325.30	AT Par	825325.30	Rs.
	Description:- Supply, installation, testing and commissioning of High availability single section digital axle counter system (HASSDAC) as per RDSO Spec. No.RDSO/SPN/177/2012 (ver.3) or latest with amendments with dual track sensor devices. The length of cable shall be 15 mtrs. HASSDAC will be installed, wired, tested and commissioned by OEM's Engineer as per guidelines and TAN issued by RDSO. The pre-commissioning checklist issued by RDSO for HASSDAC will be prepared by OEMs Engineer and signed jointly with Railways before commissioning of HASSDAC. Break-up of items to be supplied under this schedule is to be detailed and submitted. OEM should submit site installation certificate mentioning that HASSDAC has been installed, wired, tested and commissioned by approved vendor of RDSO i.e. by OEM. This schedule also includes installation of clamp type track device (Rail contact) approved by RDSO, laying of separate Double walled anti rodent corrugated pipe from Axle detector to digital axle counter field unit for Tx & Rx cables, drawing of cables and making its terminations, fixing of deflector plates. (Double walled anti-rodent corrugated pipe made up of High density poly ethylene of suitable diameter, required Nos. of cage clamp type terminals for terminations, and all other accessories as per site requirement are to be supplied by the contractor). This also includes provision of puff seal in HDPE pipe with contractors own material. One set instruction manual, Installation & maintenance manual including Dos & Don'ts, Mechanical drawings of each sub system / rack. Schematic block diagram showing mounting arrangement of various components & details of each type of assembled PCB, Trouble shooting procedure along with test voltages and waveforms at various test points in the PCBs and Pre-commissioning checklist are also to be supplied. This includes painting and writing of particulars on indoor and outdoor units. HASSDAC equipment is to be provided with efficient lightning and surge protectors which are also to be supplied with the system. (Supply and provision of Earthing and Supply of underground S&T cables are not included in this schedule) Inspection by RDSO.							

3. ITEM BREAKUP

No item break up added

4. ELIGIBILITY CONDITIONS

Special Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have minimum average annual contractual turnover of V/N or 'V' whichever is less; where V= Advertised value of the tender in crores of Rupees N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case the balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderers shall submit requisite information as per Annexure-VIB, along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet.	No	No	Allowed (Mandatory)

Special Technical Criteria

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S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	(a) The tenderer must have successfully completed or substantially completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (1) Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (2) Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or (3) One similar work each costing not less than the amount equal to 60% of advertised value of the tender. (b) (i) In case of tenders for composite works (e.g. works involving more than one distinct component, such as Civil Engineering works, S&T works, Electrical works, OHE works etc. and in the case of major bridges - substructure, superstructure etc.), tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i) Three similar works each costing not less than the amount equal to 30% of advertised value of each component of tender, or (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of each component of tender, or (iii) One similar work each costing not less than the amount equal to 60% of advertised value of each component of tender.	No	No	Allowed (Mandatory)
2	Similar nature of work - "Any signal interlocking works involving EI or RRI or PI or IBS or IBH or LC gate or yard modification or UFSBI or Track circuit (AFTC or DC TC) or Axle Counter (SSDAC or MSDAC or HASSDAC) or Automatic signalling".	No	No	Allowed (Mandatory)
3	Submission of 'Undertaking by the tenderer' along with offer that "Alteration to Software, wiring, Testing & Commissioning of existing Electronic Interlocking equipment and other associated works at Pollachi (POY) station and Kinattukkadavu (CNV) station with OEM M/s. Westrace. Non submission of above by the bidder shall result in summarily rejection of his/their bid.	No	No	Allowed (Mandatory)
4	Submission of Undertaking by the tenderer along with the offer that SSBPAC shall be procured from RDSO approved sources and installation, testing and commissioning of the same shall also be got done from the same source including after sales support required during warranty period. Non submission of above by the bidder shall result in summarily rejection of his/their bid.	No	No	Allowed (Mandatory)

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.

**PALAKKAD DIVISION-S AND T/SOUTHERN RLY
TENDER DOCUMENT**

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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)
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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

Commercial-Compliance

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

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Collection and transportation of materials from Railway stores depots of Divisions concerned shall be done by the tenderer.	No	No	Not Allowed
2	The rates quoted by the tenderer should be inclusive of all taxes including GST.	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	A copy of certificate stating that they are not liable to be disqualified and all their statement/documents submitted along with bid are true and factual. Standard format of the certificate to be submitted by the bidder is enclosed as Annexure-V. In addition to Annexure V, in case of other than company/proprietary firm, Annexure V (A) shall also be submitted by the each member of a partnership firm/joint venture (JV)/Hindu Undivided family (HUF)/Limited liability partnership (LLP) etc.. as the case may be. Non submission of a copy of certificate by the bidder shall result in summarily rejection of his/their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self attested/digitally signed by which they/he are/is qualifying the Qualifying Criteria mentioned in the Tender Document	No	No	Allowed (Mandatory)
2	Documents to be submitted along with Tender: The tenderer shall clearly specify whether the tender is submitted on his own(Proprietary Firm) or on behalf of a Partnership Firm / Company / Joint Venture (JV) /Registered Society/ Registered Trust / HUF etc. The tenderer(s) shall enclose the attested copies of the constitution of their concern, and copy of PAN Card along with their tender. Tender Documents in such cases are to be signed by such persons as may be legally competent to sign them on behalf of the firm, company, association, trust or society, as the case may be. Necessary Documents should be submitted as per GCC April 2022.	No	No	Allowed (Mandatory)

**PALAKKAD DIVISION-S AND T/SOUTHERN RLY
TENDER DOCUMENT**

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3	The tenderer shall clearly specify that the tender is submitted on behalf of a partnership firm. The following documents shall be submitted by the partnership firm, with the tender: (i) A notarized copy of the Partnership Deed or a copy of the Partnership deed registered with the Registrar. (ii) A notarized or registered copy of Power of Attorney in favour of the individual to tender for the work, sign the agreement etc. and create liability against the firm.(iii) An undertaking by all partners of the partnership firm that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders / contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP in which they were /are partners/members. Any Concealment / wrong information in regard to above shall make the bid ineligible or the contract shall be determined under Clause 62 of the Standard General Conditions of Contract 2022	No	No	Allowed (Mandatory)
4	Before awarding of LOA, MOU with RDSO approved source OEM i.e., M/s. Westrace covering alteration to Software, wiring, Testing & Commissioning of existing Electronic Interlocking equipment and other associated works at Pollachi(POY) station and Kinattukkadavu (CNV) station in connection with the above work including after sales support required during the warranty to be submitted by the tenderer.	No	No	Allowed (Mandatory)

6. Documents attached with tender

S.No.	Document Name	Document Description
1	GCC_April-2022.pdf	GCC April 2022
2	GCCcorrectionslip1to4.pdf	GCC correction slip 1 to 4
3	GCCcorrectionslip5TO10.pdf	GCC Correction Slip 5 to 10
4	GCCACS11_compressed.pdf	GCC ACS 11
5	AnnexureV.pdf	Annexure V
6	AnnexureVA.pdf	Annexure V A
7	AnnexureVIB.pdf	Annexure VI B
8	JPOfordiggingwork.pdf	JPO digging work
9	SOR2022BOOKLETRevised_compressed.pdf	SOR 2022 Booklet
10	BGFormat.pdf	BG Format
11	TDSSBPAC110626.pdf	Tender document

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: NIDHIN S ROY

Designation : Sr.DSTE/PGT