

Southern Railway

Headquarters office,
Works Branch,
Chennai – 600 003

No.W.496/P/O/SNW

Dated 09.01.2026

**CPM/GSU/ MAS SA PGT TVC TPJ MDU
Sr.DEN/Co-ordn./MAS SA PGT TVC TPJ MDU
Dy.CE/EWS/AJJ, Dy.CE/CW/PER, Dy.CE/TMC/RPM,
Dy.CE/track/HQ & Dy.CE/TMC/HQ**

Sub:- Similar Nature of Work-Eligibility Criteria for calling Tenders-Reg

Ref :- Sr.DEN/Co-ord/TPJ/T.W.496/Policy/SNW dated 20.11.2025 .

Vide ref cited above TPJ Division requested SNW for the work of Carrying out Structural Design and Drawing work.

E-Building and other civil works

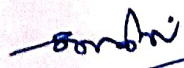

S.No	Work being tendered	Modified SNW
16	Provision of Structural Design and Drawing including Proof check from IIT/NIT or other reputed Government Engineering Colleges: a) For Buildings	Design of : a) G+2 Building and above
	b) For steel structures	b) Steel Structure

PCE has considered the request and approved the above SNW.

The updated Master list of SNW for Works Tenders (Open Line) as on 09.01.2026 is enclosed herewith for reference as **Annexure - I**.

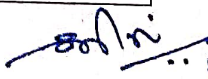
Please acknowledge the receipt of this letter.

Encl: As above


(S.Manthiramoorthy)
Dy.CE/Works/HQ
for Principal Chief Engineer


Updated master List of similar Nature of Works for Works Tenders (OL) as on 09.01.2026		
Sl.No	Work being tendered	SNW
A - Track Works		
1	(i) Track relaying work (TSR/TRR/CTR) (ii) TFR/Destressing Work/Pre- tamping, Post Tamping Work(from 21.04.21).	Any track work.
2	Assembly and insertion of PSC Turnouts/Traps.	Any track work.
3	Deep screening/lifting Regrading of Track.	Any track work.
4	Ballast Collection (Depot or Cess).	Collection and supply of stone Ballast/ Road metal.
5	Loading of ballast into Railway Wagons/ unloading /Dumping / spreading on track.	Any Civil Work.
6	Re-conditioning of Points and Crossings.	Any track work.
7	Ancillary works of welding.	Any track work.
8	TRT work- ancillary work.	Any TSR/CTR/Track linking work.
9	Supply of 52/60 kg welding portions including Supervision for various track works.	Not Defined (Note: No other criteria for technical eligibility need to be prescribed. Railway Board letter No.2017/Track- P/9 (2) .Vol.III dated 07.03.2019 should be followed for calling works tender. (from 10.03.2025)
10	Reconditioning of CMS crossings by using RW-20 Translamic Robotic welding technology.	Technical eligibility criteria is NOT applicable. Only RDSO approved vendors are eligible to participate. (However no relaxation in Financial eligibility criteria.) (w.e.f.24.07.2025)
11	Track Renewal with PQRS machine.	Any track work executed under line block /traffic condition
12	Construction/ Improvements/Repairs to Trolly refugees along the railway track	Any civil Engineering work under train traffic conditions
13	Outsourcing of USFD testing of Rails / Welds using RDSO approved equipments	Firms/Tenderers approved by RDSO for the USFD testing of rails and welds . (Note: No other criteria for technical eligibility needs to be prescribed as per RB Letter No.Track/21/2004/0902/7 Vol II dated 31.12.19) (from 21.04.2021)
14(a)	Construction of Ballastless Track for Lines with speed requirement up to 50 Kmph for 25 T loading including Loop lines for Tunnels/ Viaducts/Bridges/Station Yards/Formation in Cutting/Filling	Any Track Work (or) Any Ballastless Track Work. <u>Technical Eligibility Criteria:</u> As per para 2.1 of Railway Board Letter No. 2024/TK-II/22/26/1/BLT dt. 10.05.2025. (w.e.f.09.08.2025)
14(b)	Design and Construction of Ballastless Track for lines with speed requirement more than 50 kmph and up to 200 kmph for passenger trains of 25 T Axle load for Tunnels / Viaducts/ Bridges/ Station Yards/Formation in Cutting/Filling.	Design and Construction of Any Proven Ballastless Track System (Or) Any Track work and having MOU with a Designer Firm who has experience of Designing of Ballastless Track. <u>Technical Eligibility Criteria:</u> As per para 2.2 of Railway Board Letter No.2024/TK-II/22/26/1/BLT dated 10.05.2025 (w.e.f.09.08.2025)


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Sl.No	Work being tendered	SNW
15	Track maintenance work in SSE/P.Way Section.	Any track work. (w.e.f.07.08.2018)
16	Zinc metalizing / Galvanizing of Rail panels/ free rails and Points & Crossing rails at severe corrosion prone areas.	Any painting / Metalizing / Galvanizing work (or) Any work involving lifting/loading of 10 RP panels (130m) (w.e.f.17.09.2018)
17	Flash Butt Welding of 60/52 kg rails using Mobile Flash Butt Welding Plant on track at various stations under line block/ by using stationary MFBW plant.	Welding of 52kg/60kg rails by Mobile Flash Butt Welding Plant on line under traffic block or otherwise (e.g; in lines yet to be commissioned, GC, Doubling etc;) or at stationary MFBW plant. (w.e.f.09.11.2018)
18	Provision of Track based lubricators (Electronic type) for Gauge face lubrication on curves as per RDSO specifications with latest correction slip at different location of P.Way sections.	" Supply with or without installation /operation/Annual Maintenance Contract of Rail Gauge Face Lubricator in Indian Railways or Metro Railway in India (Track lubricators should be procured from RDSO approved vendors only)"(w.e.f.21.04.2021)
19	Supply and erection / replacement with composite sleepers on steel girder bridge, special turn outs, supports for temporary girders.	RDSO approved firms only are eligible to participate in the tender. (w.e.f.12.11.2018)
20	Supplying, Installation and Commissioning of VHF (Very High Frequency) based approaching Train Warning System for track maintainers on Golden Quadrilateral & its diagonals (RAKSHAK) as per RDSO Specification including Maintenance for one year.	Any work of supplying, Installation and Commissioning of VHF (Very High Frequency) based equipment (w.e.f.27.03.2019)
21	Pre & Post tamping track measurements using Timble Gedo Varsys trolley system	" Engineering Survey of Railway Line/Roadways" (w.e.f.11.07.2022)
22	Modern Fastening system – Field trial of existing fastening components with Stricter Tolerance for RT- 8746	"All concrete sleeper plants (CSPs) supplying sleepers to IR and fittings manufacturers (ERC/GRSP/CGRSP/GFN liner) available on RDSO approved/ development list will be eligible to participate in the open tender" (w.e.f.03.07.2023)
23	Carrying out ancillary works through engaging the requisite man-power for USFD testing such as handling of SRT/DRT Machines, Lookout, watering , paint-marking, removal & re-fixing of joggled fishplates, applying couplant including any other activities required for USFD testing complete., and as directed by Engineer-in-charge.	Execution of any Civil/Electrical/Mechanical/ S&T Work in Indian Railways (OR) Supply of Man-power for any Work in Indian Railways (w.e.f.22.11.2023)
24	Providing Rubberised Level crossing surface at LCs	Any work involving overhauling of LCs (OR) Any work of Providing Rubberised surface at LCs (w.e.f 09.06.2025)
25	TBSR work	Fabrication, supply & laying of H-Beam Sleepers or Channel Sleepers with fittings on running line OR Fabrication, Supply & Erection of Steel girder for ROB/Track Bridge/Electric Tower/Mobile Tower

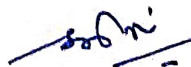
Sl.No	Work being tendered	SNW
B-Transportation of P.Way materials and fittings		
1	Transportation of PSC sleepers, rails, points and crossings materials, steel girders and temporary girders.	Transportation of materials.
2	Transportation of P.Way fittings, liners, ERC's Rail/ Plate screw, rubber pads, wooden sleepers, bridge timbers etc.,	Transportation of materials.
C – Earth Work		
1	Earth work in formation of bank/cutting/ making up cess/ widening of formation/ blanketing	Earth work in banks and cuttings in Railway formation (from 21.04.2021)
2	Formation Treatment by providing Geo-Grid/Geo- Textile under the track with Ballast Cleaning Machine.	Any track work (From 16.05.2022)
3	Standardization /Widening of cutting with hard/Soft rock nearby track	Removing of Hard/Soft rock nearby track by using Blasting or Chiselling (From 28.09.2022)
4	Carrying out Geo Technical investigation.	Any Civil Engineering Work involving execution of Geo-technical survey/Soil Exploration work (Note: Geo-technical survey/soil exploration work component of the Work shall satisfy the requisite financial value as specified in the Tender document) (w.e.f 02.05.2025)
D - Bridge Works		
1	Bridges with Sub way / Pipe (Cut & Cover / Segmental construction / Cast-in-situ)	Any bridge/ROB/RUB/LUS/FOB of RCC/PSC /Composite construction, either precast outside and launched/pushed in or cast in situ after inserting temporary girders. (w.e.f. 21.04.2021)
2	Bridge works with open foundation.	Construction of Bridge/ ROB/ RUB/ Subway work/ any bridge work involving execution of casting/ launching of RCC/PSC-Slab/Girder/Box with open/ well / pile foundation (in case superstructure involves PSC work, criteria also should specify PSC super structure). (w.e.f.14.11.2018)
3	Bridge works with well/pile foundation.	Construction of Bridge/ ROB/ RUB/Subway work/ any bridge work involving execution of casting/ launching of RCC/PSC-Slab/Girder/ Box with well /pile foundation as the case may be (in case superstructure involves PSC work, criteria also should specify PSC super structure). (w.e.f.14.11.2018)
4	Bridge construction of Box pushing /Pipe pushing method.	Bridge Construction by Box pushing/ Pipe pushing method. (w.e.f.05.04.2022).
5	Clearing of waterway of bridges, culverts.	Any Civil Engineering work.
6	ROB involving composite girder	Any Bridge Work involving Composite Girder (w.e.f 09.08.2023)
7	Repairs to elastomeric bearings in PSC Girder Bridges.	Any Major Bridge Work at Bridges/ROB/RUB/Subway under rail-traffic conditions (w.e.f 12.09.2024)
8	Strengthening of Arch, Girder, Diaphragm, hangers of ROB	Any Construction/Rehabilitation Work of Bridges/ROB/RUB/Subway under rail-traffic conditions". (w.e.f 12.09.2024)


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9	Protective works like retaining wall, pitching, flooring, toe wall, catch water drain, turfing etc; to bridge/formation/cutting.	Any Civil Engineering work (Except track works). (w.e.f.14.11.2018)
10	Under water repairs of different bridges.	Under water Repair/Rehabilitation of bridge by Micro concreting. (w.e.f.30.11.2018)
11	Zonal contract for Bridges which involves works related to minor repairs and maintenance of Major/Minor bridges, FOBs, ROBs and RUBs, High roof structures including steel HLTs.	Any Civil Engineering work except track work/transportation (from 28.09.2022)
12	Underwater Visual Inspection and Underwater NDT test using RORV for Bridges	Underwater inspection and under water non-destructive testing by ultrasonic pulse velocity test method of any Civil Engineering structure using Remote Operated Robotic Vehicle (RORV) (w.e.f 23.05.2024)
13	Preparation of detailed Project report for ROB/RUBs/Subways	Any Consultancy Work involving Preparation of Feasibility Report/Detailed Project Report which includes ROB/RUBs/RORs in Railways, Metros, High Speed Railway, Highways & Express ways . (w.e.f 13.05.2024)
14	Pro. Construction of Subway using Air-pushing method	Construction of ROB/RUB/LUS/Major Bridge (including re-girding) under Rail Traffic Condition (w.e.f 03.07.2024)
15	Providing side pathway/Keyman pathway with steel structures on bridges	Any Civil Engineering work involving Fabrication and erection of steel structures (w.e.f (24.03.2025)
16	Providing GSM based Automatic water level monitoring system for Bridges/RUB/LUS	Any work of Installation of GSM based automatic water level monitoring system for Bridges/RUB/LUS (w.e.f.02.05.2025).
17	Rebuilding of Bridges by Micro tunnelling	Execution of tunnelling/Micro tunneling with minimum 1.20 meter diameter /width (28.05.2025)
E – Building and other Civil Works		
1	Building works up to G + 2 / RCC PF shelter work.	Any Civil Engineering work except track work/ transportation.(from 21.04.2021)
2	Building works of G + 3 and above with shallow foundation.	Construction of storied building.(from 21.04.2021)
3	Building works with pile foundation.	Construction of building with pile foundation.
4	RCC ground level tanks/ overhead tanks /pit line/ retaining wall /Concrete Apron.	Any RCC/PSC work.(from 21.04.2021)
5	Platform works /Drain work in yard/ masonry retaining walls/white washing, colour washing, painting of building / Zonal contract work.	Any Civil Engineering work except track works/ transportation.(from 21.04.2021)
6	Construction/ Improvements/Repairs to Track maintainer's Rest room/Hut/Gate lodges/Goomties and any other building work in connection with providing amenities for Railway staff. The proposed structures may include use of Pre-fabricated elements in construction or otherwise.	Any Civil Engineering work except track works/ transportation.(from 21.04.2021)


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7	Dismantling of condemned staff quarters	Any Civil Engineering works.(w.e.f.26.08.2015)
8	Replacement of existing galvalume sheets, MS gutters, rain water down pipes, ridges, provision of roof ventilators in sheds/workshops/High roof platform shelters/structures	Any civil engineering work except track work/ transportation.(from 21.04.2021)
9	Repairs to doors and windows of staff quarters	Any Building work (w.e.f.08.03.2016)
10	Fire fighting arrangements for buildings	Any civil engineering work except track work / transportation.(from 21.04.2021)
11	Repair and maintenance of staff quarters/ station / Service buildings/ water supply installations	Any Civil Engineering work except track work/ transportation.(from 21.04.2021)
12	Provision of deep bore wells.	Construction of deep tube wells / tube wells / bore wells. (w.e.f.06.06.2019)
13	Precast PSC Panel / Column and Precast Foundation. (CEO.Drg. No. CE/621 along with CBEDrg.No.CBE/SK/678/2023)	" Any Civil Engineering Work involving Pre-stressed concrete" (w.e.f.10.07.2023)
14	Construction of Station Building involving Bridge Work but excluding Track Work	Any Civil Engineering work involving construction of any Bridge/ ROB/RUB/LUS Works (w.e.f 18.09.2024)
15	Repairs to CC Apron(wherever the work is to be executed under rail-traffic condition)	Any PCC/ RCC/PSC work executed under rail-traffic condition. (W.e.f.07.11.2024)
16	Provision of Structural Design and Drawing including Proof check from IIT/NIT or other reputed Government Engineering Colleges:	Design of :
(a)	a) For Buildings	a) G+2 Building and above (W.e.f.09.01.2026)
(b)	b) For steel structures	b) Steel Structure (W.e.f.09.01.2026)
F - Steel Works		
1	FOB /PF shelter works /steel structural work /steel overhead tanks.	Any Civil engg work involving fabrication and erection of steel structures.(from 21.04.2021)
2	Strengthening / repairing /replacing existing members by riveting, or welding or bolting to steel girder bridge / FOB / PF Shelter / Industrial Shed etc.	Fabrication and Erection of Steel Works.(w.e.f.09.01.2019)
3	Bridge involving steel girders.	Bridge work with steel girders (in case fabrication of steel girder is involved, the same to be included for qualifying work also)
4	Steel channel sleepers manufacture and fixing.	Fabrication of steel works.
G – Road & Level Crossing Work		
1	Road work including WBM, black topping works.	Any Civil Engineering work.
2	Fabrication and erection of lifting barriers gates.	Fabrication and erection of lifting barrier/Steel structural work.


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Sl.No	Work being tendered	SNW
3	Providing services by Deploying Gate counselors/Gate Mitras.	Providing Man Power Services.
H – Misc. Works		
1	Painting of bridges/ PF shelter/ workshop steel structures/ building steel structures	Any Civil Engineering Work including Painting of steel structures.(from 21.04.2021)
2	Specialized painting work with epoxy, acid resistant, protection coating on concrete or masonry surfaces.	Protective coating on concrete surface.
3	Partition and false ceiling works	Any building work.
4	Landscaping works/supply, planting and maintenance of plants for specified period.	Any landscaping work.
5	Platform paving, dadoing work with vitreous ceramic tiles, granite slab, cuddapa kota tiles, marbonite tiles.	Any building work/Platform work.
6	Supply, laying of water supply pipe lines or sewage/drainage pipe lines.	Any Civil Engineering work except track work
7	Provision of modular furniture and related works.	Any building work.
8	Supply of drinking water by tank . mounted on lorry/tractor.	Supply of water from potable source.
9	Provision of purified drinking water to stations through water treatment system.	Supply of drinking water systems.
10	Periodical cleaning of over head tanks and Ground level reservoirs.	Any Civil Engineering Work.
11	De-silting and removing sludge and effluent from tanks, silt at various locations.	Any Civil Engineering Work.
12	Periodical cleaning of sedimentation tanks	Any Civil Engineering Work.
13	Erection and fixing of released unserviceable sleepers as land boundary stone	Any Civil Engineering work. (from 13.06.2012)
14	Collection and Disposal of garbage, paper cups and litter from the track	Any work under train traffic condition. (from 04.07.2012)
15	Removal of vegetation, Jungle and bushes alongside the track and in between the tracks	Any work under train traffic condition. (from 23.08.2012)
16	Water recycling plants of capacity upto 5 lakh litres	Design,Execution& Commissioning of any Water Recycling Plant (Or) Sewage Treatment Plant (Or) Effluent Treatment Plant of minimum capacity of 2 Lakh litres (w.e.f 09.08.2023)
17	Water recycling plants of capacity of more than 5 lakh litres and upto 10 lakhs litres	Design,Execution& Commissioning of any Water Recycling Plant (Or) Sewage Treatment Plant (Or) Effluent Treatment Plant of minimum capacity of 5 Lakh litres (w.e.f 09.08.2023)


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Sl.No	Work being tendered	SNW
18	Replacing the existing broken/worn-out engineering reference posts/boards.	Any civil engineering work under train traffic conditions
19a	Construction of Water /Sewage Treatment Plants.	Design & construction of Water Treatment Plant (Or) Sewage Treatment Plant (Or) Effluent Treatment Plant (w.e.f 09.08.2023)
19b	Renovation /maintenance of water/sewage treatment plants	Maintenance of water treatment plant (or) Water Recycling Plant (or) Sewage Treatment Plant (or) Effluent Treatment plant (w.e.f 09.08.2023)
20	Replacing the existing wooden struts/blocks with composite blocks.	Any work under train traffic condition
21	Renewal of the outdated/unavailable spike killed wooden struts with new engineered Polimer Composite struts	Any work under train traffic condition (w.e.f.11.08.2016)
22	Architectural works in buildings	Any architectural work in buildings.(from 21.04.2021)
23	Repairs to civil structures in Workshops/Sheds (from 21.04.2021)	Any Civil Engineering work
24	(a) Supply and fixing GRP Walkway Refuge Platform. (b) Supply and fixing of FRP materials in Bridge.	Any Bridge work.(from 21.04.2021)
25	Aerial Videography on the section covering all route kilometers and major site features using Unmanned Aircraft System (UAS-Drone).	Aerial Videography using Unmanned Aircraft System (UAS-Drone) in any State/Central/ Public Government organizations (w.e.f. 21.04.2021)
26	Housekeeping and maintenance of office complexes for two years.	Housekeeping /care taking and cleaning/ sanitation maintenance works in Central/State Government and PSUs etc.(w.e.f.15.05.2018)
27	Refurbishment of Camping coaches for Track Machines	Modification/Alterations/Addition/Interiors of any type of BG/MG/NG coach into camp coach/Saloon (RA)/Rest Van/ Training coach/ Inspection Carriage /Observation carriage or modification/repair work of Track Machines or POH of Track Machines or fabrication /modification of any type of rolling stock over Indian Railways. (W.E.F 17.12.2024)
28	Reconditioning of worn out tie tamping tools for track machines.	Reconditioning of Points & Crossings/ CMS crossings/ SEJs/ Wheel burns/ track machine tamping tools/excavating chain of BCM/ reconditioning of other heavy machine involving depositing of metals.(w.e.f.21.05.2019)
29	Provision of crash barriers	Any civil engineering work.(from 11.02.2021)
30	Entering/updating data in TMS & other Systems (i.e.,) Bridge Management System, Crew Management System, updating of Joint Inspection of Points & Xings in to Google Spread sheet & Safety information System, etc.,	Minimum of two years Experience in Digital Data Handling/Digital Data Management in any State/Central/ Public Government organizations.(from 21.04.2021)
31	Protective work for railway bank at meandering river by cast-in-situ retaining wall with pile foundation (precast RCC driven piles)	Experience in " Any Civil Engineering work with pile foundation". (from 11.04.2022)

Sl.No	Work being tendered	SNW
32	Procurement of monsoon reserve materials and monsoon precautionary works	"Any Civil Engineering Work" (w.e.f 11.07.2022)
33	Updating, reconciling, certification and computerisation of railway land plans	Any type of land survey work involving Updating of Land Plans, reconciling, computerisation/digitalisation and certification of Land Plans from concerned Revenue Authorities" (From 03.03.2025)
34	Provision of Safety Fencing (W-beam, PSC Panel, Brick wall etc)	Any Civil Engg Work (w.e.f. 28.11.2025)
I-Track Machines		
1	POH/ IOH of track machines	POH/ IOH of Track Machine in any Zonal/ Satellite depot over Indian Railway (OR) Original Equipment Manufacturers (OEMs)** (w.e.f 20.07.2023) **(NOTE:-For OEMs, such eligibility can be dispensed with)
2	Special repairs to track machines, if requires based on the performance/ failures	
3	Upgradation/ improvements of track machine as per the requirement of better working/ output, upgradation of technologies etc.	
4	Manufacturing/ reconditioning, supplying and fixing of spares in different types of track machines	
5	"Outsourcing of cooking of food, up keeping of camping coach/ rest room for track machines and other miscellaneous activities"	"Any work involving housekeeping services and/or cooking of food in Railway catering / running room/ Railway rest house/ training institutions/ camping coaches of track machines / In any Central or State Government Organizations (including Municipal Corporations) / PSUs or outsourcing of services for maintenance and upkeep of track machines." (w.e.f.15.10.2023)
6	Operation and Maintenance of Track Machines	Repairs and Reconditioning /POH/IOH of track Machines over Indian Railways. (or) Repairs and supply of spares to Track Machines over Indian Railways (or) Outsourcing/Supply of staff for operation/maintenance of track machines over Indian railways (w.e.f.30.04.2024)
7	AMC for ON TRACK MACHINES such as UTV,T28, TRT & SQRS involving service and supply of spares.	AMC for that specific machine involving service and supply of spares in any of the Zones in Indian Railways. (Note: For OEMs or Authorised Dealers of OEMs, the above eligibility criteria is dispensed with) (w.e.f.08.09.2025)