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19/11/20

East Coast Railway.

Office of the
Pr. Chief Signal & Telecom Engineer,
Bhubaneswar.

No. ECoR/S&T/BBS/SNW/2351

Dt : 17.11.2020

To
The CSTE/Construction I & II, and CSTE/P & D,
East Coast Railway.

Sub: Definition of Similar Nature of Work for minimum eligibility
criteria of Signaling Works.

- Ref: 1 Railway Board's letter No. 94/CE-I/CT/4, dt 21.06.2006.
2 This office letter No. No. ECoR/S&T/BBS/SNM/ 1424,
Dt.05.10.2012
3 This office letter No. ECoR/S&T/ BBS/SNM/1914,
Dt.08.02.2016
4 This office letter No. ECoR/S&T/BBS/SNM/1947,
Dt.17.07.2020
5 This office letter No. ECoR/S&T/BBS/SNM/2332,
Dt.11.11.2020..

Definition of Similar Nature of works for signaling works as approved by
PCSTE is attached herewith for reference please.

This supersedes this office earlier letters on signaling works.

No alteration is proposed for similar nature of Telecom Works issued by
this Office time to time.

This letter will come into force w.e.f. 18.11.2020.

This letter will have no bearing on the tenders approved / floated
/opened before 18.11.2020.

If any work proposed to be executed does not fall in the attached
approved category, specific approval of PHOD/CHOD for "Similar Nature of
work" for inclusion in qualification criteria on case to case basis should be
obtained.

Encl: As above in 3 pages

(P.K.Patel)
CSTE/Plg
For PCSTE/ECoR

Copy to : CSE and CCE for kind information please.
Dy.CSTE/Con- BBS, KRPU, SBP, Dy.CSTE/P- BBS, VSKP,
Sr.DSTE- KUR, SBP and WAT for information and necessary
action.
All officers of PCSTE office for kind information.
Sr.System Manager /IT for information and updating in
ECoR Portal.

Patel
CSTE/Plg 17/11/2020
For PCSTE/ECoR

Specification for 'Similar Nature of Work' for signal works.

S.N.	Nature of works	Similar nature of works
1	Signalling works in connection with BPAC/LVCD/TLBI/SLBI/ Double Distant/MSDAC/ Hot Standby with provision of Dual VDU.	Any indoor/outdoor Electrical Signalling work of RRI/PI/EI/MACLS/Track Circuit/Axle Counter/ BPAC/Double Distant/LC Gate Inter Locking/IBH/Automatic Signalling work/ Hot Standby with provision of Dual VDU.
2	Signalling works in connection with Interlocking of LC gates.(Mechanical or Electrical)	Any indoor/outdoor Electrical Signaling work of RRI/PI/EI/MACLS/Track Circuit/Axle Counter/ BPAC/Double Distant/LC Gate Inter Locking/IBH/Automatic Signaling work/ Hot Standby with provision of Dual VDU.
3	Signalling works in connection with Intermediate Block Signalling	Any indoor/outdoor Electrical Signaling work of RRI/PI/EI/MACLS/Track Circuit/Axle Counter/ BPAC/Double Distant/LC Gate Inter Locking/IBH/Automatic Signaling work/ Hot Standby with provision of Dual VDU.
4	Signalling works in connection with Automatic Signalling (Indoor & Outdoor)	Any indoor/outdoor Electrical Signaling work of RRI/PI/EI/MACLS/Track Circuit/Axle Counter/ BPAC/Double Distant/LC Gate Inter Locking/IBH/Automatic Signaling work/ Hot Standby with provision of Dual VDU.
5	Signalling works in connection with outdoor works of MACLS/ PI/EI/RRI.	Any Indoor or Outdoor Electrical Signalling Work of RRI/PI/EI/ MACLS/ Track Circuit/ Axle counter/BPAC/Double Distant / LC gate interlocking/ IBH/ Automatic Signalling work/Hot standby with provision of dual VDU.
6	Signalling works in connection with indoor works of MACLS/ PI/RRI/ EI.	Any Indoor or Outdoor Electrical Signalling Work of RRI/PI/EI/ MACLS/ Track Circuit/ Axle counter/BPAC/Double Distant / LC gate interlocking/ IBH/ Automatic Signalling work/Hot standby with provision of dual VDU.
7	Signalling works in connection with indoor & outdoor works of MACLS/ PI/ RRI/ EI.	Any Indoor or Outdoor Electrical Signalling Work of RRI/PI/EI/ MACLS/ Track Circuit/ Axle counter/BPAC/Double Distant / LC gate interlocking/ IBH/ Automatic Signalling work/Hot standby with provision of dual VDU.
8	Works in connection with Data Logger/RTU.	Any Data logger Work or Any Signalling Work involving Data logger.
9	Works in connection Lightning & Surge Protection, Maintenance -free Earth.	Execution of any work of Surge protection & Lightening arrestors, Maintenance free Earth, Conventional Earth in any S&T work either separately or as one of the Items in the Schedule of work .
10	Miscellaneous S&T works involving installation / Replacement/Modification of Track circuits/Loop line/Bridge/Point zone Axle counters/ cable laying/PPTC/ND Fuses/UFSBI/IPS/Diesel Generators/Battery chargers/Voltage Stabilizers / Secondary cells/Earthing.	Any Signaling Work-involving Indoor or Outdoor Work.

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11	Signalling Drawing & Design	Any Signalling -Drawing & Design OR Any Signalling Work involving Signalling -Drawing & Design.
12(a)	Provision of Annual Maintenance Contract of EI System.	Any Signalling Work – involving Indoor Work of EI Or Any Annual Maintenance Work of EI Or Original Equipment Manufacturer of EI System. If the tenderer is not a manufacturer of EI, then the tenderer should have a letter of authorization from Original Equipment Manufacturer to be produced before signing of contract agreement.
12(b)	Provision of Annual Maintenance Contract of MSDAC/HASSDAC/SSDAC.	Any Signalling Work – involving Work of MSDAC/HASSDAC/SSDAC Or Any Annual Maintenance Work of MSDAC/HASSDAC/SSDAC Or Original Equipment Manufacturer of MSDAC/HASSDAC/SSDAC. If the tenderer is not a manufacturer of MSDAC/HASSDAC/SSDAC, then the tenderer should have a letter of authorization from Original Equipment Manufacturer to be produced before signing of contract agreement.
12(c)	Provision of Annual Maintenance Contract of IPS.	Any Signalling Work – involving Indoor Work of IPS Or Any Annual Maintenance Work of IPS Or Original Equipment Manufacturer of IPS. If the tenderer is not a manufacturer of IPS, then the tenderer should have a letter of authorization from Original Equipment Manufacturer to be produced before signing of contract agreement.
12(d)	Provision of Annual Maintenance Contract of Data logger/RTU.	Any Signalling Work – involving Indoor Work of Data logger Or Any Annual Maintenance Work of Data logger Or Original Equipment Manufacturer of Data logger. If the tenderer is not a manufacturer of Data logger, then the tenderer should have a letter of authorization from Original Equipment Manufacturer to be produced before signing of contract agreement.
13	Maintenance of Signalling & Telecom assets.	Any signalling work - Involving Indoor and / or outdoor works of S&T installation.
14	Outdoor Signalling Works for CTR/ TRR/Point and Crossing renewal works or any Track renewal related work.	Any signalling work - Involving Indoor and / or outdoor works of S&T installation.
15	Provision of Fire alarm and suppression system at Relay room. OFC hut etc.	Any work of fire alarm system or any signalling work involving fire alarm system.

Special Conditions of Contract for Signalling Items:

1. OEM certificate for the installation before commissioning shall be obtained as advised by RDSO/TAN's.
2. Detail Check List issued by RDSO for installation should be followed strictly.
3. Intensive training of Officers/Supervisors shall be done in regard to systems and maintenance.

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4. Wherever the tendered Signalling work involves installation of new EI and the tenderer is not RDSO approved Original Equipment Manufacturer for the same, then following special conditions must to be fulfilled(Ref. Board ltr. 2011/Sig/EI/Policy dtd:15.04.2015).
 - a. Submission of 'Undertaking by the tenderer ' that the equipment for EI shall be procured from RDSO approved sources and installing, testing and commissioning of EI shall also be got done from the same source including after sales support required during the warranty period; AND
 - b. After the award of the contract, MOU with RDSO approved source covering supply of equipment for EI, Installation, testing & commissioning of EI by the same RDSO approved source including after sales support required during the warranty period, before supply of equipment is undertaken.
5. Wherever the tendered Signalling work involves alteration to existing EI and the tenderer is not RDSO approved Original Equipment Manufacturer for the existing EI system, then following special conditions must to be fulfilled.
 - a. Submission of 'Undertaking by the tenderer that alteration will be done by the OEM including Factory Acceptance Test, Site Acceptance Test and Supply of additional Equipment required for the said work; AND
 - b. An Undertaking / MOU with the OEM to be submitted for carrying out alteration as per RDSO guideline and OEM standard after the award of Contract and before signing the Contract Agreement.
6. Wherever the tendered Signalling work involves MSDAC and the tenderer is not RDSO approved Original Equipment Manufacturer, then tenderer has to submit an MOU with the OEM that the supply, installation, testing and commissioning will be done by the OEM and MOU to be submitted before the signing of Contract agreement.
7. Offer Warranty for equipment as per the condition laid in the tender document and RDSO specification for a period of one year from the date of commissioning.
8. Guarantee to supply spares for a minimum period of 7 years after the expiry of the warranty period.

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