



No. RVNL/S&T/Preamble/Standard BOQ

Dated: 02.08.2017

All CPMs, GGMs, GMs , AGMs & JGMs Incharge

Sub: Revised Preamble of S&T i.c.w. Modifications in Payment conditions w.e.f 02.08.2017 .

To improve the cash flow and speed of execution ; and to provide additional safeguard for S&T materials, the S&T Preamble has been revised as under:

1.0 S&T Preamble:

<u>Bill no. 11 (SIGNAL AND TELECOMMUNICATION WORKS)</u>									
<u>General Instructions:</u>									
1a	The bill of quantities (BOQ) shall be read in conjunction with the instruction to bidders, General conditions of contract, particular conditions of contract, work requirements, Technical specification, Explanatory notes, Payment conditions, pre-bid clarification and Addenda and Corrigenda if any.								
1b	The quantities given in the Bill of Quantities are estimated and provisional and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work ordered and carried out including spares to be handed over to Railway, as measured by the Contractor and verified by the Engineer and valued at the rates and prices tendered in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix within the terms of the Contract. If any quantities which have been supplied by the contractor and paid by RVNL are determined to be surplus by the Engineer (except those quantities which become surplus due to change in planning/scheme by Railway/RVNL) during the progress of the work or at the completion of the work, shall be taken back by the contractor, and the payment made for such materials shall be recovered from the pending claims. The materials which have become surplus due to change in planning/scheme by Railways/RVNL and are still in usable condition shall be taken over by RVNL and any part payment still to be made shall be released to the contractor.								
2	BOQ has been divided in four groups i.e. <table border="1"><tbody><tr><td>GROUP A Items starting with Series 36 & NS</td><td>Contains items on which PVC is to be paid as per RBI indices.</td></tr><tr><td>GROUP B Items starting with Series 37</td><td>Contains items on which PVC is to be paid as per IEEMA Formula as contained in GCC</td></tr><tr><td>GROUP C Items starting with Series 38,40 & NS</td><td>Contains SUPPLY items on which PVC to be paid as per RBI indices</td></tr><tr><td>GROUP D Items starting with Series 39,40 & NS</td><td>Contains EXECUTION items on which PVC to be paid as per RBI indices</td></tr></tbody></table>	GROUP A Items starting with Series 36 & NS	Contains items on which PVC is to be paid as per RBI indices.	GROUP B Items starting with Series 37	Contains items on which PVC is to be paid as per IEEMA Formula as contained in GCC	GROUP C Items starting with Series 38,40 & NS	Contains SUPPLY items on which PVC to be paid as per RBI indices	GROUP D Items starting with Series 39,40 & NS	Contains EXECUTION items on which PVC to be paid as per RBI indices
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3	Arrangement for water supply for execution of different items of works will be made by the contractor at his/their own cost.
4	The unit prices for "Supply items" in the bills is the all inclusive price of material and all incidental charges for transport, loading/unloading and handling. The prices also include taxes, duties, levies (including octroi) applicable on works contract, insurance/bank guarantee/indemnity bond charges etc. The prices also include provision for losses and wastages in transit and erection. The price quoted also include RITES/RDSO or other agencies inspection and testing charges unless otherwise specified in the bill of quantities or technical and testing charges unless otherwise specified in the bill of quantities or technical specification. In case of change of inspection from RDSO/RITES to RVNL/Consignee, 1% of cost of material to be deducted by RVNL, as inspection charges.
5	The unit price for "Erection items" in the bills are inclusive of the cost of erection and testing and also include all cost of administration of the contract, insurance premia, banker's charges, cost of stamps/ storage/loading/unloading and handling of material and also include the cost of transportation which the contractor may incur for carriage of material to the site of works. The unit prices also include cost of works and adjustment that may become necessary during or after the commissioning test.
6	All invoices for S&T work shall be accompanied with the following , for the purpose of arranging payment against supply of items: i. Supplier's Delivery challan. ii. Inspection certificate granted by the authorized approved agencies/purchaser's representative as per contract. iii. Certificate of receipt of material at contractor's depot/s duly accepted by the Engineer. iv. Comprehensive insurance policy for supply and safe custody of material v. Quality assurance document like Manufacture/Supplier warranty certificate. vi. Indemnity Bond for any loss, theft, damage, or deterioration of material for entire cost of material supply.
7	a) 80% of the accepted cost of material supplied in case of supply item/ 80% of item rate with the supply and installation description (excluding EI) for which installation is to be done by the contractor will be paid on receipt of the material duly inspected by the inspecting authority. b) Balance 10% of the accepted cost of material for which installation is to be done by the contractor will be paid after the installation and testing. c) Balance 10% of the accepted cost of material for which installation is to be done by the contractor will be paid after the commissioning of the work station/IBH/gate wise portion opened for traffic. Note: Cables shall be measured in length for the types used in the works and the 2 nd stage payment for these cables shall be as per actual length measured after laying. The unused cut-pieces generated during laying shall not be measured and the cost of such cut-pieces shall be deemed to be included in the rates. It is clarified that cut-pieces shall be the property of the contractor and the payment made for such cut-pieces shall be recovered from the pending claims.
8	100% will be paid for spares, tool kit etc on receipt of equipment, duly inspected by inspecting agency and Engineer.

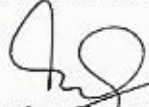
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9	(a) For the items of designing 80% of the accepted cost on commissioning along with approved drawings of the station/IBH/gate wise portion opened for traffic and balance 20% on final acceptance of completion document. (b) For the items of installation/ erection, 60% payment will be made after installation/ erection and balance 40% on completion of the activity acceptable to the RVNL.
10	For Electronic Interlocking – Payment for supply items will be as under : a) On supply of Hardware duly inspected by the inspecting authority -70%, Note: EI hardware will consist of all types of cards ,card file ,EI rack ,object controller and Power supply arrangement for EI. b) On supply of all type of relays required for EI duly inspected by the inspecting authority -10%, c) On loading of software and completion of simulation test with reference to selection/locking table by RVNL and RAILWAY-10%, d) On commissioning of station and supply of spares -10%.
11	Before placing the supply order for EI, IPS, DG sets, Solar Panel & Axle counter specific approval of RVNL to be obtained. The same is required to maintain uniformity in signaling in the section. Bidder has to maintain uniformity of make of signaling equipment.

2.0 These above changes can be applicable to existing contracts, if the contractor agrees and signs supplementary agreement.

This is issued with the approval of CMD/RVNL


(Sanjay Dungrakoti)
ED/S&T/RVNL
02/08/17
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Copy:

- 1) Secy. to CMD for kind information of CMD .
- 2) DF, DO , DP&,DPE- for kind information please.
- 3) ED/C&P, ED/W, ED/Elect, ED/Infra, ED/PP&D, ED/F&A, ED/Structures, ED/Metro, ED/Mech, CGM/Lucknow, & GGM/P- for kind information please.
- 4) All GMs/DGMs (Finance)