

Improvement of Earth radial system at DGPS stations
TENDER NO.: IWAI/HY/2(9)/DGPS-ER/2016
Minutes of Pre-bid meeting held on 30.5.2015 at 11.30 Hours
Tender ID: 2016_IWAI_91223_1

Tender Ref	Description/Clause	Our Query	Reply to the Query
Page 10 Para 10. Clause(t)	Submission of Bid "Experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which this tender is invited should be either of following: (i) Three similar works each costing not less than Rs.21.0 lakhs or (ii) Two similar works each costing not less than Rs. 31.0 lakhs or (iii) One similar work completed for not less than Rs.41.0 lakhs"	Supply, installation & commissioning of Earth Radial System is part of a larger project and hence deducing the value of the same is not possible in the submitted work order. Hence request you to accept the work order submitted against similar works which includes earthing & radial part also.	Similar works means work related with communication/electronic/electrical installations having earthing as a component. Where the value of such work is not explicitly defined, the value of the installation and commissioning components reflected in the work order shall be considered.
Page 22 Para 8 sub para (i)	Security Deposit "Balance Security Deposit (i.e. Total 5% SD deducting EMD submitted with technical bid) shall be paid in the form of Demand Draft"	We propose that submission of Security deposit/EMD in form of bank guarantee should be accepted.	Clause stands
Page 32 para 7 (7.2) & (7.3)	Materials	Only test certificate from OEM shall be provided for each type of surge unit.	Accepted
Page 36 para 12	Installation Trials "the equipment shall undergo installation trials for 7 days, in the presence of the Chairman/representative and the Inspecting Authority of Officer or their representative at any place as mutually agreed upon"	Supplied material all are passive and there is no methodology for trials or there is no functional/operation procedure. However OEM test reports shall be submitted.	(i) Before the commencement of work, the earth resistance of the antenna system and aerial current shall be noted. There shall be visible improvement in both these values after completion of work. (ii) The surge protection unit shall be

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			individually checked for conformity with OEM Test certificate wherever such measurable component is available.
Page 37 Clause 13	Delivery	Since all equipment are standard and imported in nature, the OEM is manufacturing them on request or on placement of order, hence delivery be 120 days from date of placement of order.	Accepted.
Page 38	Location / Address of delivery and installation of equipment	We propose to accept all material of NW2 at Pandu port & NW1 on respective locations.	Accepted. However the cost of transportation of materials at site shall be borne by the contractor
Page 41 para2	Technical Specification "An ISI approved very high insulation 3 KVA isolation transformer, of following specifications, will be introduced in the input of the existing electrical set up as per sketch."	Standard used for transformer is IS (not ISI). Third party inspection certificate is provided.	Accepted
Page 41 para 4	One additional chemical earthing shall be carried out for "DGPS/ Transmitter/ Aerial Foundation equipment with 2'x2'x 6mm thick copper earth plate and 25mm thick copper tape."	25mm should be with of copper plate not thickness. Please clarify	Accepted
Page 41 Clause 3	Technical Specification "A surge protection set up, compatible to ISI/IEEE C62.45-2002 IEEE Recommended Practice on Surge Testing for Equipment Connected"	OEM test certificate for all items meeting 15KVA requirement shall be submitted	In place of ISI/IEEE, pse read ISI/IEEE or or equivalent

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BOQ	BOQ	In tender BOQ VAT (Tax) calculation is disabled. Request you to enable taxes (CST/VAT) to be put against supply of material (such as copper wire, surge units etc.)	Modified
Additionally	Lighting Protection	As per S.O.P. of DGPS stations damage due to surge and lightning is contractor's responsibility. Surge protection is being provided as per this tender. However there is no provision for lightning protection for both whip aerial system, & wire aerial system. So we suggest the following especially for whip aerial system which is installed at 7 out of eight stations. Option 1 : Lightning arrestor for protecting DGPS station excluding whip antenna Option 2: Lightning protection of complete station including the whip antenna. This part is not included in BOQ. Please confirm which option is to be included to meet SOP requirement	Not relevant
Additionally	BUDGET	What is the budget for this project?	Not relevant



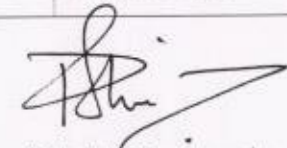
(P. Palani Raj)

AHS



(A. K. Gupta)

CAO (i/c)



(Cdr. P. K. Srivastava)

Hydrographic Chief