

A&C slip No. 1 of Tender Paper for Pakur (Excl.) –Malda Town (Incl.) {Up to Km. 334.27 from HWH & Km. 294.98 from BDC} Section, Gr.172 of Howrah & Malda Division of Eastern Railway under RE Project Bhubaneswar at Kolkata, Total 74 RKM / 189 TKMs.

S. N.	Page No.	Item No.	Para No. / Col. No.	Line No.	As Existing	As Modified								
1	A-1414	3(h)(i)	-	-	<p>Concrete for foundation of height gauge The price shall cover excavation, supply and handling of all materials and accessories including cement, temporary arrangement in hard soil, shoring where necessary, casting concrete including frame work where necessary, temping of concrete, grouting of upright of height gauges, and finishing the top of concrete foundation. The price also includes dismantling of all connected temporary arrangements, back filling with earth and compacting the same to the required height and width as per drawing to ensure safety of foundation. Foundations to be cast strictly in accordance with drawing No.RE/Civil/92-84 R2. The rate are exclusive of erection of upright/booms of height gauges as the same has been considered in the item No.3(h)(ii).</p>	Deleted								
2	A-1414	3(h)(ii)	-	-	<p>Erection of height gauge at level crossing gates The item covers erection of height gauges at either side of the Railway track as per drawing No.RE/Civil/92-94-R2(Latest Mod.). The foundation of the upright shall be covered under item 3(h)(i). Only erection portion of steel Rails/Boom/Fabricated Structures/RSJ shall be covered under this item. The horizontal member Rail/Boom/Fabricated RSJ shall be provided with a danger board as per drawing No.ETI/C/0069. Upright members shall normally be old Rails, whereas the horizontal member shall be old rail, section or fabricated beams. These upright or horizontal member may be rail section/fabricated steel beams structure/RSJ/ tubular length of suitable sizes to supplied by Railways. The upright and horizontal member posts shall be supplied to the contractor free of cost at suitable place by Railways. Price shall be inclusive of transportation charges from the place of availability to the contractors depot and fabrication charges such as drilling of holes for fixing of Danger board and horizontal members with the upright members. Price shall include cutting of rails to required sizes for upright/horizontal member etc. Price shall also cover the price for erection of protective Rail posts/Rail guards. The price shall also cover the painting of the height gauges as per standard drawing including cost of paint (Primer and paint both).</p>	Deleted								
3	A-1415	3(j)	-	-	<p>Supply and erection of protective screen on ROB/FOBs Supply and erection of protective screen on ROB/FOBs. The price shall cover on per track basis on both sides of ROB/FOB, the cost of all material required for fabrication of protective screen including angle, Tee, expanded metal (Jali), GI sheet, paints etc. The price shall also include the labour cost for fabrication, erection and painting at various locations. The fabrication and erection work shall be done as per RDSO Drg. No. ETI/C/0068 latest Mod.</p>	Deleted								
4	2506	-	2.5.6.1(h)	-	-	Add details of Annexure-1 at the end of existing para								
5	4018		SN-47 Col. No. 3	1	ETI/PSI/118 (10/93) with A&C Slip No.1, 2,3,4,5,6,7 & 8(7/03) & 9(01/2008)	ETI/PSI/118 (10/93) with A&C Slip No.1 to 10 (08/12) or latest								
6	5013	3(h)(ii)	-	1	Erection of height gauge at level crossing gates	<table border="1"> <tr> <td>MT</td> <td>982</td> <td>886</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </table>	MT	982	886	0	0	0	0	Deleted
MT	982	886	0	0	0	0								
7	5013	3(j)	-	1	Supply and erection of protective screens on ROB/FOBs	<table border="1"> <tr> <td>Set (2Nos)</td> <td>0</td> <td>13,789</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </table>	Set (2Nos)	0	13,789	0	0	0	0	Deleted
Set (2Nos)	0	13,789	0	0	0	0								
8	5076 & 5077	Form-12C		-	As Existing	Existing Form-12 C to be replaced by Annexure-3								
9	5079 & 5080	Form-14		-	As Existing	Existing Form-14 to be replaced by Annexure-2								

Annexure – 1

Tolerances to be adopted while Erection of Bracket Assembly, conducting SED checking & Tower Wagon checking:

Sl. No.	Item	Limits/Tolerances
(i)	Register Arm Tube Projection	150 - 200 mm in case of Push off locations. For Pull off locations, it shall project over Contact Wire Plane.
(ii)	Bracket Tube Projection	150 - 200 mm
(iii)	Dip between Register Arm Tube & Steady Arm	200 - 250 mm on Tangent Track. (BFB Steady Arm). 250 - 320 mm on Curves. (BFB Steady Arm & Bend Tubular Steady Arm).
(iv)	Encumbrance	± 50 mm
(v)	Length of 'A' Dropper (1 st Dropper from Support)	± 5 mm
(vi)	Spacing of 'A' Dropper (1 st Dropper from Support)	± 30 mm
(vii)	Length of Other Droppers	± 5 mm
(viii)	Spacing of Other Droppers	± 50 mm
(ix)	Stagger of Catenary Wire	± 30 mm
(x)	Height of Catenary Wire	± 50 mm
(xi)	Stagger of Contact Wire	± 10 mm
(xii)	Position of Compensation Plate	It shall be in vertical plane.
(xiii)	Difference between mainline Contact wire and the Crossover Contact Wire at Support.	50 mm (minimum)

AGREEMENT*

AN AGREEMENT made this --- day of -----
----- between THE PRESIDENT OF INDIA, acting in the premises through the -----
----- or his successor, CENTRAL ORGANISATION, RAILWAY ELECTRIFICATION, ALLAHABAD
OF THE MINISTRY OF RAILWAYS, RAILWAY BOARD (hereinafter referred to as "THE
PURCHASER") of the one PART and M/s ----- (hereinafter referred to
as "THE CONTRACTOR") of the OTHER PART.

WHEREAS in response to a call for Tender for Design, Supply, Erection, Testing &
Commissioning of 25 KV, AC, Single Phase, 50 Hz Traction Overhead Equipments, Switching
Stations, Booster Transformer Stations and LT supply Transformer Stations in -----
- of ----- Railway as per Tender papers at Annexure-'A' hereto the contractor has submitted
a Tender as per their original tender offer No. ----- dtd ----- and negotiated
offer No --- dtd.....+ and whereas the said Tender of the Contractor has been accepted for
Design, Supply, Erection, Testing & Commissioning of 25 KV, AC, 50 Hz, Single Phase Traction
Overhead Equipments, Switching stations, Booster Transformer Stations and LT Supply
Transformer stations in ----- of -----Railway as per the copy of Letter of
Acceptance of Tender No.: ELCORE/T/OHE./----- dated ----- as per Annexure-'B'
complete with enclosures at the accepted rates and agreed deviations from Tender Notice
No. ELCORE/OHE/Gr-----at an estimated contract value of Rs. -----
(Rupees ----- only). Now this agreement witnesseth that in consideration of the premises
and the payment to be made by the purchaser to the contractor provided for herein below
the contractor shall supply all equipments and materials and execute and perform all works
for which the said tender of the contractor has been accepted strictly according to the
various provisions in Annexure 'A' & 'B' hereto and upon such supply, execution and
performance to the satisfaction of the purchaser, the purchaser shall pay to the Contractor
at the several rates accepted as per the Schedule-1, Section-1 & 2 as well as Schedule-3,
Section-1 and in terms of the provisions therein.

IN WITNESS where of the parties have hereunto set and subscribed their respective
hands and / or seals the day & year respectively mentioned against their respective
signatures. Signed & delivered at ALLAHABAD by Sri ----- the contractor within named in
the presence of:

For M/s -----

(-----)

1. Signature
Date : -----
Name in BLOCK Capitals (-----)
Address
2. Signature
Date : -----
Name in BLOCK Capitals (-----)
Address

Signed & delivered at Allahabad for and on behalf of the President of India by Sri -----, Central Organisation Railway Electrification, Allahabad, Ministry of Railways (Railway Board) in the presence of:

(-----)
**CHIEF ELECTRICAL ENGINEER
CENTRAL ORGANISATION
RAILWAY ELECTRIFICATION
ALLAHABAD
FOR & ON BEHALF OF
THE PRESIDENT OF INDIA**

1. Signature
Date : -----
Name in BLOCK capitals (-----)
Address:
2. Signature
Date : -----

Name in BLOCK Capitals (-----)
Address

Enclosures :-

1. Annexure-'A' : Tender paper No. ELCORE/OHE/----- A&C Slip No.
3. Annexure-'B' : Letter of Acceptance No. ELCORE/T/OHE/Gr dtd ---
Complete with enclosures.
4. Annexure-'C' : Amendment & Corrigendum Slip Nos -----
5. Annexure-'E' : Schedule of work & Time Schedule.
6. Annexure-'F' : Rates quoted by other qualified tenderers.
7. Schedule -1
8. Schedule -3 - Section 1.

* See Para 1.2.16

1. Indicate No. of the Tender Papers here.

TENDERER'S CREDENTIALS FOR SCADAZ WORKS
PREQUALIFICATION BID

1. Give details of similar SCADA* works executed so far in the Performa given below:-

SN	Description	Details
	Name of work	
	Name of purchaser (Also indicate name and address of Officer Incharge of minimum Superintending engineer level along with his telephone & FAX numbers).	
	No. of RTUs, geographical distance over which they were spread out, type of connection of RTUs with RCC (Omnibus or star or combination). Enclose schematic sketch.	
	Approximate cost of the work.	
	Give brief detail of the system indicating purpose.	
	Indicate your scope in the work clearly.	
	Date of award of work.	
	Original completion period as per letter of acceptance.	
	Date of actual completion	
	Final value of the contract	
	Reason for delay in completion of work if any.	
	Whether completion report/performance reports have been attached (Attach other relevant documents).	

2. Give details of Similar Works presently under execution in the Performa given in item 1 above, indicating the present status.
3. Give the details of Contract Amount Received during the last three financial years and in the current financial years. The supporting documents in this regard should be submitted i.e. attested certificate from the employer/ client, audited balance sheet duly certified by chartered Accountant.
4. Give the details of Engineering organization available with you.
5. Give the list of plants and machinery available on hand (own) and proposed to be inducted (own and hired to be given separately) for this work.
6. Have you entered into technical collaboration with any consultants to assist you in this work? If so, give full particulars.

7. Give constitution of your firm. Attach certified copies of legal documents in support thereof.

** Definition of Similar SCADA System:*

Similar works as given in Para 12.1 (C) (iii) of Preamble.

OR

The tenderer should give undertaking to get the SCADA work done through an RDSO's approved source after prior approval of purchaser.
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