

ESP-001- 2A Rev.00		PROJECT ENGINEERING & SYSTEMS DIVISION			Std. / Doc. Number
					PY56412
					Rev. No. 00
					Sheet 1 of 6

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TECHNICAL SPECIFICATION FOR SUPPLY OF BRICKS

Gr. 241 (Shikohabad to Farrukhabad & Etawah to Mainpuri)

PROJECT	ELECTRIFICATION WORKS FOR BIRLANAGAR - ETAWAH, BHANDAI -UDI,FARRUKHABAD-SHIKOHABAD INCLUDING MAINPURI - ETAWAH SECTIONS OF NORTH CENTRAL RAILWAY 386 RKM/440 TKM
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Revisions: Refer to record of revisions	Prepared by :	Checked by :	Approved by :	Date :
	Sunil	Kamal	Anand	16.06.2020



PROJECT ENGINEERING & SYSTEMS DIVISION

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**1.0 INTENT OF SPECIFICATION:**

This specification governs the requirements of supply of Country bricks involved in ongoing railway electrification project at North Central railway division.

RailSys India Pvt. Ltd., Mumbai executing S&T (signaling and telecommunication) modification work as part of Railway electrification job.

The below scope of item is required to fulfil the completeness of the S&T modification work by Railsys India Pvt. Ltd. Hence, bidder scope involves supply in closed co-ordination with RailSys India Pvt. Ltd.

2.0 TECHNICAL REQUIREMENTS:

Name of the Work: Supply of bricks at Gr. 241 (Shikohabad to Farrukhabad & Etawah to Mainpuri) sections and stations of North central Region.

A) Bricks

1. **Name of the Work:** - Country bricks of size 220mm x 100mm x 60 mm (approximately) shall be supplied by the Contractor.
2. **Scope of Work:**
 - a. Supply of Country bricks of size 220mm x 100mm x 60 mm (approximately).
 - b. The contractor shall arrange supply and distribution of second class bricks of standard size at site as per the following Annexure-1.
 - c. Unloading of the bricks shall be in coordination with the site engineer.

3.0 BILL OF MATERIAL: As per Annexure-1

Material code: PY9856416000

4.0 DOCUMENTATION:**4.1.1 To be submitted along with bid**

A	Bidder shall furnish NO DEVIATION SHEET as per Clause .No 5.0 .
B	Check list for Bid Submission as per Clause .No 6.0
C	Duly filled unpriced price schedule as per Annexure-1

4.1.2 To be submitted in 6 sets after award of contract

a	GA dwg of the country made brick.
b	GA & Installation Diagram of cable marker.
c	Erection dwg., of the Joint chamber
d	Storage Instruction including handling of material at Site.

**5.0 NO DEVIATION FORMAT**

ENQUIRY NUMBER _____ NAME OF BIDDER _____
 ITEM _____ OFFER REF _____
 NUMBER _____

S/N	Clause/ Spec Number	Description	Deviation	Nature of Deviation	Remarks
1					
2					
3					
4					
5					

NOTES:

- Technical offer of the bidder will be evaluated only on the basis of No Deviation Schedule. No Deviation Schedule constitutes this sheet (with these Notes) duly signed and stamped.**
- Deviations are not accepted against RDSO standard specification, RDSO approved drawings & RDSO approved quality assurance plan. Accordingly, No deviation schedule shall be filled and submitted along with technical offer.
- No price implications shall be entertained by BHEL during technical scrutiny & order execution stage. Hence, in no case there will be consideration of price implications.
- Bidder to submit the "No Deviation Schedule" by writing "NO Deviations" in this format.
- If the "No Deviation Schedule" is not submitted along with the offer, the bidder's offer is likely to be rejected without any further interaction with the bidder.

SIGNATURE OF BIDDER _____

NAME _____

DESIGNATION _____

DATE _____

COMPANY SEAL

**6.0 GENERAL:****6.1 CHECKLIST FOR BID SUBMISSION****(TO BE FILLED BY BIDDER AND SUBMITTED ALONG WITH OFFER)**

Sl. No.	Description	Bidder Confirmation	Comments/ Remarks
1	Technical offer is conforming to technical specification PY56414 & its associated Annexures (if any), pre-bid clarifications (if any) etc., Bidder to confirm (Yes / No).		
2	Bidder confirms that they have read the provisions of the Deviation Schedule and have included the deviation Schedule in the Offer after agreeing to the said Provisions (Yes/No).		
3	Bidder confirms that Prices for all items have been Quoted. Unpriced & Priced Schedules are included in the Techno-commercial Offer and Priced Offer respectively.(Yes/NO)		

Notes: Offer received without affirmative confirmation against any of the above points may not be considered for evaluation.

(Signature and stamp of bidder with date)

- 6.2** Quantities mentioned are tentative requirement. Based on the actual requirement, quantity can be increased or decreased by about 30% on overall ordered qty. Final BOQ will be informed before price bid opening. Unit rates quoted by bidder shall be applicable for the revised BOQ also.

7.0 INSPECTION & TESTING

Items are inspected by site engineer (or) BHEL appointed third party.

8.0 PACKING & DISPATCH

Packing and Dispatch in a such way that, while transportation same will not be broken. Any broken item shall be replaced with new bricks without time and commercial implications.

9.0 DISPATCH INSTRUCTIONS

Location / Div	Area (From – To)	Supply Quantity	Remarks

Notes:

1. Dispatch location and corresponding lot quantities will be intimated during drawing approval stage / dispatch stage.
2. BHEL will reserve right to modify the location (with in section), right to change the quantities up to 30%.



RECORD OF REVISIONS

[illegible]

ANNEXURE-1 OF PY56416 REV 00
PRICE BID FORMAT

PROJECT: RE WORKS IN BIRALNAGAR-ETAWA; BHANDAI-UDI; FARRUKHABAD-SHIKOHABAD INCLUDING MAINPURI-ETAWA OF NCR.				BHEL ENQUIRY NO. & ITEM No's:													
CUSTOMER: M/s CORE - ALLAHABAD (NCR DIVISION)				ITEM: Supply of bricks at Gr. 241 (Shikohabad to Farrukhabad & Etawah to Mainpuri) sections and stations of North central Region													
SUPPLIER: M/s				QUOTATION REF. NO. & DATE:													
Sl. No.	Description	Material code	Unit	Gr 241 section										Total Qty	Unit Rate (In Rs.)	Total Amount (In Rs.)	Remarks
				Shikohabad	Nibkarori	Mota	Bhogaon	Manpuri	kosma	Farukhabad	Karhal	Etawah					
1	Supply of Second class bricks as per specification.	PY9856416000	Nos	31800	28200	30500	27700	32400	30300	36400	30300	18200	265800				

Total price
In figure
In words

Notes

- 1 Bidder should quote only the unit rate and Total Amount both in figures & words in the specified place. Bidder should not fill/quote/write anything elsewhere.
- 2 Evaluation Shall be based on total amount quoted by bidder.
- 3 The rate and amount are inclusive of all applicable taxes, except for the GST.