

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

COPYRIGHT AND CONFIDENTIAL
 The information on this document is the property of **BHARAT HEAVY ELECTRICALS LIMITED**,
 It must not be used directly or indirectly in any way detrimental to the interest of the company.

TECHNICAL SPECIFICATION FOR SUPPLY OF BRICKS

Gr. 239 (Birlanagar to Etawah)

PROJECT	ELECTRIFICATION WORKS FOR BIRLANAGAR - ETAWAH, BHANDAI -UDI,FARRUKHABAD-SHIKOHABAD INCLUDING MAINPURI - ETAWAH SECTIONS OF NORTH CENTRAL RAILWAY 386 RKM/440 TKM
----------------	---

Revisions: Refer to record of revisions	Prepared by :	Checked by :	Approved by :	Date :
	Sunil	Kamal	Anand	16.06.2020



PROJECT ENGINEERING & SYSTEMS DIVISION

TABLE OF CONTENTS

Sl. No.	Description
1.0	INTENT OF SPECIFICATION
2.0	TECHNICAL REQUIREMENTS
3.0	BILL OF MATERIAL
4.0	DOCUMENTATION
5.0	NO DEVIATION FORMAT
6.0	GENERAL
7.0	INSPECTION & TESTING
8.0	PACKING AND DISPATCH
9.0	DISPATCH INSTRUCTIONS

**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. 239 (Birlanagar to Etawah) 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: PY9856412005

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 PY56412 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. 239 (Birlanagar to Etawah) sections and stations of North central Region										
SUPPLIER: M/s				QUOTATION REF. NO. & DATE:										
Sl. No.	Description	Material code	Unit	Gr 239 section							Total Qty	Unit Rate (In Rs.)	Total Amount (In Rs.)	Remarks
				Birlanagar	Sanichara	Malanpur	Gohad Road	Soni	Bhind	Etawa				
1	Supply of Second class bricks as per specification.	PY9856412005	Nos	4500	32500	30300	33600	33800	36300	4500	171000			

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.