



Ref:BHE/PW/PUR/RGIT-STG/978-979/Corrigendum-01
Sub: Corrigendum-01: Issue of clarifications.

Date 28/02/2012

To
ALL BIDDERS

JOB: COLLECTION OF MATERIALS FROM BHEL/CLIENT'S STORES/STORAGE YARD; TRANSPORTATION TO SITE; ERECTION, TESTING & ASSISTANCE FOR COMMISSIONING, TRIAL OPERATION AND HANDING OVER OF **TURBINE AND GENERATOR SET AND ITS AUXILIARIES**, HP/LP HEATER, INSULATION, HANGERS & SUPPORTS AND FINAL PAINTING ETC. **FOR BLOCK 1 (UNIT 1 & 2) AND BLOCK 2 (UNIT 3 & 4) OF 4X600 MW JPL PROJECT AT TAMNAR IN RAIGARH DISTRICT IN CHHATTISGARH STATE.**

| SI No | Tender Specification Number | Unit Number & Project |
|-------|-------------------------------|-------------------------------|
| 1 | BHE/PW/PUR/RGIT-STG U 1&2/978 | 600 MW STG Sets of Unit 1 & 2 |
| 2 | BHE/PW/PUR/RGIT-STG U-3&4/979 | 600 MW STG Sets of Unit 3 & 4 |

Bidders to kindly take note of the following:

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AA) CLARIFICATION TO THE QUERY OF BIDDER:

QUERY 01: Refer Chapter XV: Condenser Erection: Clause 15.7 (C): Specify clearly the scope of supply of bed material. Also "Annex-1" is not found in the tender documents.

CLARIFICATION OF QUERY 01: Total material for these arrangements along with handling arrangements will be provided by BHEL/Customer. 'Annex-1' is also attached herewith.

QUERY 02: Refer Chapter XV: Condenser Erection: Clause 15.7 (b): Please specify the scope of required cranes to be arranged for pre-assembly of condenser on stator handling road.

CLARIFICATION OF QUERY 02: T&P for pre-assembly of condenser outside TG Hall as envisaged in tender document is in contractor's scope which is as follows:

- 40 MT Crane for handling of water boxes, assembly of bottom plate along with hot well etc.
- Crane of boom length of minimum 16 meter for handling of tube support plate
- Pulleys, D-Shackle for dragging of condenser on rail.

QUERY 03: Refer Chapter IV: Tools & Plants to be Deployed by Contractor: Please specify the scope of required cranes for assembly & dismantling of outer leg of portal crane / Strand Jacks Structure.

CLARIFICATION OF QUERY 03: Required cranes for assembly & dismantling of portal crane/ Strand & Jack will be provided by BHEL.

QUERY 04: Specify the Erection of Feed Storage Tank & Deareator is in the scope or not. If it is in the scope, please specify the scope of required cranes for erection of FST & Deareator.

CLARIFICATION OF QUERY 04: Erection of Feed storage tank & Deareator is not a part of this tender.

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All other Terms and conditions of the Tender Specification shall remain unaltered unless expressly amended by BHEL in writing.

Bidders are requested to submit as a part of Technical Bid, a copy of this corrigendum duly countersigned by the authorized signatory and stamped with the Official seal as a token of Bidder's unqualified acceptance of this corrigendum.

भारत हेवी इलेक्ट्रिकल्स लिमिटेड
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This letter is hosted as file titled "Corrigendum 01 (978-979)" against NIT-11426 in BHEL web page
(www.bhel.com→Tender Notifications → View Corrigendum).

Thanking you,

Yours faithfully,

AGM (Purchase)

Encl: Annex-1 to Corrigendum -01 dated 28/02/2012

भारत हेवी इलेक्ट्रिकल्स लिमिटेड
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Date 28/02/2012

Sub: Annex- 1 to Corrigendum-01 dated 28/01/2012

Annex - I

11/03/2011

Molyneux Industries: Rail Dimensions

| Rail Type | RH | FW | HT | HB | HH | WT | FE | FM | kg | Y | Ixx | Iyy |
|----------------|-------|-------|------|------|------|------|------|-------|------|-------|-------|-------|
| CR 73 rail | 135 | 140 | 100 | 100 | 34.5 | 32 | 13 | 26.5 | 73 | 68.1 | 2000 | |
| CR 100 rail | 150 | 155 | 120 | 108 | 42.9 | 39 | 17 | 30 | 100 | 74.3 | 3270 | |
| GCR 108 rail | 100 | 263 | 75 | | 40 | 20 | 10.5 | | 108 | 51 | 1039 | 7350 |
| GCR 183 rail | 120 | 280 | 75 | | 55 | 65 | 16 | | 183 | 67 | 2808 | 10590 |
| JIS 30A rail | 108 | 108 | 60 | 60 | 31 | 12.3 | | 19.45 | 30.1 | 48.22 | 606 | |
| JIS 37A rail | 122 | 122 | 63 | 63 | 36 | 13.5 | 5.7 | 21.4 | 37.2 | 58.4 | 952 | |
| JIS 40N rail | 140 | 122 | 64 | 64 | 41 | 14 | | 15.5 | 40.9 | 68.9 | 1360 | |
| JIS 50N rail | 144 | 127 | 68 | 68 | 46 | 14.3 | | 18.5 | 50.4 | 66.9 | 1740 | |
| JIS 50PS rail | 153 | 127 | 65 | 65 | 49 | 15 | | 27.8 | 50.4 | 71.6 | 1960 | |
| JIS 60 rail | 174 | 145 | 65 | 65 | 49 | 16.5 | 12 | 30.1 | 60.6 | 77.8 | 3090 | |
| NP 38 rail | 134 | 110 | 64 | | | 12.5 | | | 38.4 | 67 | 1185 | |
| NP 42 rail | 138 | 110 | 68 | | 31.6 | 13.5 | 9.75 | | 41.5 | 70 | 136.9 | |
| NP 46 rail | 142 | 120 | 72 | | 33 | 14 | 10 | | 46.6 | 72 | 1605 | 310 |
| PRS 90 rail | 143 | 136.5 | 67 | 67 | 43.7 | 13.9 | | 20.64 | 44.6 | 68.1 | 1600 | |
| PJKA R14A rail | 138 | 110 | 68.5 | 68.5 | 40.5 | 13.5 | | 23.5 | 42.6 | 68.5 | 1369 | |
| P43 rail | 140 | 114 | 70 | 70 | 42 | 14.5 | 11 | 27 | | 62.5 | | |
| P50 rail | 152 | 132 | 70 | 70 | 42 | 16 | 10.5 | 27 | 51.6 | 68.5 | 2011 | 375 |
| QU 70 rail | 120 | 120 | 70 | 76.5 | 32.5 | 23 | | 24 | 52.8 | 59.3 | 1082 | 327 |
| QU 80 rail | 130 | 130 | 80 | 87 | 35 | 32 | | 26 | 63.7 | 64.3 | 1547 | 482 |
| QU 100 rail | 150 | 150 | 100 | 108 | 40 | 38 | | 30 | 89 | 76 | 2865 | 941 |
| QU 120 rail | 170 | 170 | 120 | 129 | 45 | 44 | 14.6 | 35 | 118 | 84.3 | 4924 | 1695 |
| UIC 50 rail | 152 | 125 | 70 | | 36.3 | 15 | 10 | | 50.2 | 76 | 1940 | |
| UIC 54E rail | 161 | 125 | 67 | | 36.7 | 16 | 12 | | 53.8 | 91.5 | 2308 | |
| UIC 54 rail | 159 | 140 | 70 | | 36.3 | 16 | 11 | 18 | 54.4 | 84 | 2347 | 418 |
| UIC 60 rail | 172 | 150 | 72 | 74.3 | 37.5 | 16.5 | 11.5 | 16.9 | 60.3 | 91 | 3055 | 513 |
| 68kg rail | 185.7 | 152.4 | 74.6 | 74.6 | 49.2 | 17.5 | | 30.2 | 68 | 85 | | |

