

Ref: BHE/PW/PUR/MANUT-CVL (Levelling & Grading)/1446/Corrigendum-05 Date 08/05/2015

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To

ALL BIDDERS

Sub: Corrigendum-05: Revised Pre-Qualifying Criteria and Revised Price Bid

JOB: Leveling, Grading and Road Work up to Water Bound Macadam Level including Excavation, Backfilling, filling with borrowed soil and/or Morrum, disposal of unserviceable earth and all associated works, complete as per specification of entire Plant Area at 4x270 MW Bhadradi TPS, Manuguru Telangana state.

Tender Specification Number: BHE/PW/PUR/MANUT-CVL (Levelling & Grading)/1446

Bidders to kindly take note of the following:

AA) Clarification in Annexure-1: Pre-Qualifying Criteria of Notice Inviting Tender (NIT) of Vol-IA-Technical Bid

Refer/Clause No	As per Annexure-1: Pre-Qualifying Criteria of Notice Inviting Tender (NIT) (Page no 17-18 of Vol-IA-Tech Bid)	Amended Now as
Annexure-1: Pre-Qualifying Criteria of Notice Inviting Tender (NIT)	<p><u>B. Technical</u> Bidder must have successfully executed/completed Earth Works (Excavation and (Filling Works / Back filling works)) / Leveling and Grading works / Land Development works in Power Projects / (Oil/Gas Industrial Projects) in the last seven (7) years as on latest date of offer submission as below:</p> <p>B.1) Executed One similar work of value not less than Rs 3017 Lakhs OR of quantum not less than 23 Lakhs CUM against single work order</p> <p style="text-align: center;">OR</p> <p>B.2) Executed two similar works each of value not less than Rs 1886 Lakhs OR each of quantum not less than 14.5 Lakhs CUM against maximum two work orders.</p> <p style="text-align: center;">OR</p> <p>B.3) Executed three similar works each of value not less than Rs 1509 Lakhs OR each of quantum not less than 11.6 Lakhs CUM against maximum three work orders.</p>	<p><u>B. Technical</u> Bidder must have successfully executed/completed Earth Works (Excavation and (Filling Works / Back filling works)) / Leveling and Grading works / Land Development works in Power Projects / (Oil/Gas Industrial Projects) in the last seven (7) years as on latest date of offer submission as below:</p> <p>B.1) Executed One similar work of value not less than Rs 4352 Lakhs OR of quantum not less than 28 Lakhs CUM against single work order</p> <p style="text-align: center;">OR</p> <p>B.2) Executed two similar works each of value not less than Rs 2720 Lakhs OR each of quantum not less than 17.50 Lakhs CUM against maximum two work orders.</p> <p style="text-align: center;">OR</p> <p>B.3) Executed three similar works each of value not less than Rs 2176 Lakhs OR each of quantum not less than 14 Lakhs CUM against maximum three work orders.</p>

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Refer/Clause No	As per Annexure-1: Pre-Qualifying Criteria of Notice Inviting Tender (NIT) (Page no 17-18 of Vol-IA-Tech Bid)	Amended Now as
	C-1: Financial TURNOVER Bidders must have achieved an average annual financial turnover (Audited) of Rs. 1131.39 Lakhs or more over last three Financial Years (FY) i.e. 2012-2013, 2013-14, 2014-15 OR 2011-2012, 2012-2013, 2013-14 if Annual Accounts for FY 2014-15 are not audited.	C-1: Financial TURNOVER Bidders must have achieved an average annual financial turnover (Audited) of Rs. 1632 Lakhs or more over last three Financial Years (FY) i.e. 2012-2013, 2013-14, 2014-15 OR 2011-2012, 2012-2013, 2013-14 if Annual Accounts for FY 2014-15 are not audited.

Note:

- 1. All other Pre-Qualifying Criteria of NIT shall remain unchanged.**
- 2. Bidders satisfying above amended Pre-Qualifying Criteria shall only be considered qualified for the tender.**

BB) REVISED VOLUME-II PRICE BID SPECIFICATION:

VOLUME-II Price Bid Specification has been revised and up-loaded in BHEL web site as file titled "Volume-II Revised Price Bid Specification-1446 (Revision-02 dated 08/05/2015)"

Revised price bids shall be enclosed in sealed envelopes superscribed with 'Volume-II Revised Price Bid Specification-1446 (**Revision-02 dated 08/05/2015**)', tender specification No. etc.

Bidders to note that Price Bids submitted in revised format (Revision-02 dated 08/05/2015**) shall only be considered for evaluation.**

In case any bidder who has submitted/dispatched the offer prior to this amendment with earlier Price Bid, such bidder should submit their offer with the revised Price Bid (Revision-02 dated 08/05/2015**) as detailed above within scheduled date of offer submission.**

CC) Extension of Last Date

The last date for submission of Tender has been re scheduled to 15/05/2015, 15.00 hrs.

Technical Bid shall be opened on 15/05/2015 at 16.00 hrs

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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.

This letter is hosted as file titled "Corrigendum-05 (Revised Price Bid and Revised PQR- 1446)" against NIT-22261 in BHEL web page (www.bhel.com→Tender Notifications → View Corrigendum).

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Thanking you,

Yours faithfully,

AGM (Purchase)

Encl: Volume-II Revised Price Bid Specification-1446 (Revision-02 dated 08/05/2015)

TENDER SPECIFICATION

NO: BHE/PW/PUR/MANUT-CVL (Levelling & Grading)/1446

Leveling, Grading and Road Work up to Water Bound Macadam Level including Excavation, Backfilling, filling with borrowed soil and/or Morrum, disposal of unserviceable earth and all associated works, complete as per specification of entire Plant Area.

AT

4x270 MW BHADRADRI TPS, MANUGURU

TELANGANA STATE

**Volume-II Revised Price Bid Specification-1446
(Revision-02 dated 08/05/2015)**



Bharat Heavy Electricals Limited
(A Government of India Undertaking)
Power Sector - Western Region
345-Kingsway, Nagpur-440001

TENDER SPECIFICATION

NO: BHE/PW/PUR/MANUT-CVL (Levelling & Grading)/1446

Leveling, Grading and Road Work up to Water Bound Macadam Level including Excavation, Backfilling, filling with borrowed soil and/or Morrum, disposal of unserviceable earth and all associated works, complete as per specification of entire Plant Area.

AT

4x270 MW BHADRADRI TPS, MANUGURU

TELANGANA STATE

EARNEST MONEY DEPOSIT: Please see Notice Inviting Tender.

LAST DATE FOR: Please see Notice Inviting Tender.

TENDER SUBMISSION:

THESE TENDER SPECIFICATION DOCUMENTS CONTAINING **VOLUME-I-Tech Bid, VOLUME- II-Price Bid Revised price Bid Rev-02 dated 08/05/2015 and Vol-IBCD** ARE ISSUED TO:

M/s.

PLEASE NOTE:

THESE TENDER SPECS DOCUMENTS ARE NOT TRANSFERABLE.

For Bharat Heavy Electricals Limited

AGM (Purchase)

Place: Nagpur

Date:

ST. NO	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE IN FIGURE (IN Rs.)	RATE IN WORDS (IN Rs.)	AMOUNT (IN Rs)
LEVELLING & GRADING						
1	Cutting of trees having girth more than 300 mm measured at a height of 1m above ground level including removal of roots, stacking the serviceable material like trunks, branches etc at specified area within the plant boundary and disposal of unserviceable parts/materials within a lead upto 1km etc all complete.	EACH	400			
2	Earth work in stripping of top soil upto a maximum depth of 0.30m below ground level so as to exclude all debris, grass, vegetation, bushes, trees having girth upto 300mm including roots and organic materials etc for leveling and grading including dressing to specified levels & grades and compacting the graded/stripped surface by manual/mechanical means, disposal of stripped materials within a lead upto 1km etc all complete as per specification, drawing and as directed by the engineer-in-charge.	Sq.m	5,58,188			
3	Earth work in excavation upto any depth below ground level in all types of soil including moorum, ash which can be excavated by any means for grading including setting out, levelling, dewatering (wherever required), dressing the sides & bottom, levelling to grade, all lifts, ramming/compacting the excavated bottom/graded surface, stacking/disposal of surplus excavated materials within a lead upto 1km , spreading/levelling of disposed materials etc all complete as per specification, drawing and as directed by the engineer-in-charge.	CUM	21,99,661			
4	Earth work in excavation upto any depth below ground level in soft rock (rock without any recovery of excavated materials in the form of hard stone/boulder) including weathered rock which can be excavated by means of crow bar, pick axe, pneumatic rock breaker attachment with excavator machine etc (but does not require chiselling or blasting) for grading including setting out, levelling, dewatering (wherever required), dressing the sides & bottom, all lifts, ramming/compacting the excavated bottom, stacking/disposal of surplus excavated materials within a lead upto 1km , spreading/levelling of disposed materials etc all complete as per specification, drawing and as directed by the engineer-in-charge.	CUM	1,02,552			

ST. NO	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE IN FIGURE (IN Rs.)	RATE IN WORDS (IN Rs.)	AMOUNT (IN Rs)
A 8	Earth work in filling upto any depth below ground level for grading to proper grade and level in layers not exceeding 250mm loose thickness with selected approved soil directly from excavation within a lead upto 1km and compacted as specified including dewatering if required, sorting, spreading, breaking clods, watering, ramming/compaction by manual/mechanical means, dressing, finishing to required lines, grades and slopes, tesing etc all complete as per specification, drawing and as directed by the engineer for the following.					
a	Each layer compacted so as to achieve at least 95% maximum dry density as per IS-2720 (Part-VIII)	CUM	13,000			
A 9	Earth work in filling upto any depth below ground level for grading to proper grade and level in layers not exceeding 250mm loose thickness with selected approved soil from compulsorily excavated soil available within a lead upto 1km and compacted as specified including re-excavation of stacked earth, all lifts, sorting, spreading, breaking clods, watering, ramming/compaction by manual/mechanical means, dressing, finishing to required lines, grades and slopes, tesing etc all complete as per specification, drawing and as directed by the engineer for the following.					
a	Each layer compacted so as to achieve at least 95% maximum dry density as per IS-2720 (Part-VIII)	CUM	1,00,000			
10	Extra over ST No. 2 and 3 for carriage of all types of excavated earth/selected materials beyond the initial lead of 1 km (initial lead, loading and unloading included in item 2 and 3) all complete as per specifications, drawings and instructions of the engineer for					
a	Carriage beyond initial lead of 1 km or part thereof but not exceeding 2 km	CUM	7,07,002			
b	Carriage beyond 2 km or part thereof but not exceeding 3 km	CUM	7,07,002			
c	Carriage beyond 3 km or part thereof but not exceeding 4 km	CUM	2,35,667			
d	Carriage beyond 4 km or part thereof but not exceeding 5 km	CUM	1,17,834			
e	Carriage beyond 5 km or part thereof but not exceeding 6 km	CUM	1,17,834			
f	Carriage beyond 6 km or part thereof but not exceeding 7 km	CUM	1,17,834			
g	Carriage beyond 7 km or part thereof but not exceeding 8 km	CUM	1,17,834			
h	Carriage beyond 8 km or part thereof but not exceeding 9 km	CUM	1,17,834			
i	Carriage beyond 9 km or part thereof but not exceeding 10 km	CUM	1,17,834			

ST. NO	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE IN FIGURE (IN Rs.)	RATE IN WORDS (IN Rs.)	AMOUNT (IN Rs)
A11	Earth work in filling upto any depth below ground level for grading to proper grade and level in layers not exceeding 300 mm loose thickness with approved borrowed soil (borrowed good soil suitable for filling , to be arranged by the bidder) and compacted as specified including supplying boorowed soil, royalty (if any), sorting, spreading, breaking clods, watering, ramming/compaction by manual/mechanical means, dressing, finishing to required lines, grades and slopes, tesing, all lead and lifts etc all complete as per specification, drawing and as directed by the engineer for the following.					
a	Each layer compacted so as to achieve at least 95% maximum dry density as per IS-2720 (Part-VIII)	CUM	9,44,979			
A11X	Supplying and filling upto any depth below ground level for grading to proper grade and level in layers not exceeding 300 mm loose thickness with Granular Morrurum (Granular Morrurum to be arranged by the bidder) and compacted as specified including royalty/seignorage fee (if any), sorting, spreading, breaking clods, watering, ramming/compaction by manual/mechanical means, dressing, finishing to required lines, grades and slopes, tesing, all lead and lifts etc all complete as per specification, drawing and as directed by the engineer for the following.	CUM	72,000			
2400 ROAD WORKS						
Providing Road Work including necessary material, labour, machinery, transportation etc as per specification, drawing, relevant IRC & IS codes and as directed by the Engineer-in-charge for the following.						
2401	Preparation of sub grade by excavating earth to required depth for all types of soil/ rock, dressing to camber and consolidating the base including making good the undulation etc and disposal of surplus earth within a lead upto 1 km etc. all complete.	CUM	62203			
2402	Supplying and filling with selected good earth of approved quality in layers not exceeding 300 mm loose thickness using borrowed soil (borrowed soil to be arranged by the bidder) and compacted so as to achieve at least 95 % maximum dry density as per IS-2720 (Part-VII) including royalty, sorting, spreading, breaking clods, watering, ramming/compaction by manual/mechanical means, dressing, finishing to required lines, grades and slopes, tesing etc all complete.	CUM	9207			

ST. NO	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE IN FIGURE (IN Rs.)	RATE IN WORDS (IN Rs.)	AMOUNT (IN Rs)
2402X	Supplying and filling upto any depth below ground level for grading to proper grade and level in layers not exceeding 300 mm loose thickness with Granular Morrurum (Granular Morrurum to be arranged by the bidder) and compacted as specified including royalty, sorting, spreading, breaking clods, watering, ramming/compaction by manual/mechanical means, dressing, finishing to required lines, grades and slopes, tesing, all lead and lifts etc all complete as per specification, drawing and as directed by the engineer for the following.	CUM	4603			
2403	Providing, stacking & laying granular morrum for shoulder including watering, compaction with road roller to required camber etc all complete.	CUM	2629			
2404	Providing & laying water bound macadam sub base course of total thickness 150mm, should be laid in two layers of 75mm thick each , with crushed stone aggregates 90 to 40 mm down size, stone screening & blinding material including screening, sorting, spreading to template & consolidation with road roller including carriage, spreading & consolidation of blinding material moorum etc all complete.	CUM	11522			
2405	Providing & laying water bound macadam base course of total thickness 150mm, should be laid in two layers of 75mm thick each , with stone aggregate 63mm to 40mm size, stone screening and blinding material including screening sorting, spreading to template and consolidation with road roller including carriage, spreading and consolidation of blinding material moorum etc all complete.	CUM	13672			
TOTAL VALUE FOR THE PACKAGE OF LEVELING & GRADING INCLUDING ROAD WORKS (In figures) =						

TOTAL VALUE FOR THE PACKAGE OF LEVELING & GRADING INCLUDING ROAD WORKS (In Words) =