

Ref: BHE/PW/PUR/MANUT-CVL (Levelling & Grading)/1446/Corrigendum-01 Date 29/04/2015

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To

ALL BIDDERS

Sub: Corrigendum-01: 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:

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AA) 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-01 dated 29/04/2015)"

Revised price bids shall be enclosed in sealed envelopes superscribed with 'Volume-II Revised Price Bid Specification-1446 (Revision-01 dated 29/04/2015)', tender specification No. etc.

Bidders to note that Price Bids submitted in revised format 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 as detailed above within scheduled date of offer submission.

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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-01 (Revised Price Bid - 1446)" against NIT-22261 in BHEL web page (www.bhel.com→Tender Notifications → View Corrigendum).

Thanking you,

Yours faithfully,

AGM (Purchase)

Encl: Volume-II Revised Price Bid Specification-1446 (Revision-01 dated 29/04/2015)

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-01 dated 29/04/2015)**



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

T.S.NO BHE/PW/PUR/MANUT CVL LEVELLING GRADING/1446

| 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 | 16,50,000 | | | |
| 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 | 21,13,173 | | | |
| 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 | | | |
| 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, testing etc all complete as per specification, drawing and as directed by the engineer for the following. | | | | | |

T.S.NO BHE/PW/PUR/MANUT CVL LEVELLING GRADING/1446

| ST. NO | DESCRIPTION OF ITEM | UNIT | QUANTITY | RATE IN FIGURE (IN Rs.) | RATE IN WORDS (IN Rs.) | AMOUNT (IN Rs) |
|--|--|------|----------|-------------------------|------------------------|----------------|
| a | Each layer compacted so as to achieve at least 95% maximum dry density as per IS-2720 (Part-VIII) | CUM | 4,43,675 | | | |
| 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 | 5,28,293 | | | |
| b | Carriage beyond 2 km or part thereof but not exceeding 3 km | CUM | 5,28,293 | | | |
| c | Carriage beyond 3 km or part thereof but not exceeding 4 km | CUM | 2,11,317 | | | |
| d | Carriage beyond 4 km or part thereof but not exceeding 5 km | CUM | 1,05,659 | | | |
| e | Carriage beyond 5 km or part thereof but not exceeding 6 km | CUM | 1,05,659 | | | |
| f | Carriage beyond 6 km or part thereof but not exceeding 7 km | CUM | 1,05,659 | | | |
| g | Carriage beyond 7 km or part thereof but not exceeding 8 km | CUM | 1,05,659 | | | |
| h | Carriage beyond 8 km or part thereof but not exceeding 9 km | CUM | 1,05,659 | | | |
| i | Carriage beyond 9 km or part thereof but not exceeding 10 km | CUM | 1,05,659 | | | |
| 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 | 1,68,000 | | | |
| 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. | | | | | | |

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| ST. NO | DESCRIPTION OF ITEM | UNIT | QUANTITY | RATE IN FIGURE (IN Rs.) | RATE IN WORDS (IN Rs.) | AMOUNT (IN Rs) |
|--|--|------|----------|-------------------------|------------------------|----------------|
| 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 | | | |
| 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 Morrur (Granular Morrur 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) =