

Annexure-I

BILL OF QUANTITY CUM PRICE SCHEDULE

project & Work :- Soil investigation and Topography survey 220kv sub-station extension at 6x60 mw Balimela Power House, Balimela in Orissa"

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT RATE (Rs.)	AMOUNT (Rs.)
1	Mobilization & Demobilisation of necessary equipment, tools, plants, manpower, etc., for conducting soil investigation at a project site. (Payment against this item shall be made for the oneway distance of the project site from the registered office of the bidder. Relevant document for the proof of distance shall be furnished with the claim.)	1200	KM	84	100800
2(a)	Drilling boreholes of 150mm dia. at specified locations including performing SPT, collecting disturbed and undisturbed samples, recording water table etc., all complete as per specification including backfilling of boreholes as per direction of Engineer-In-Charge.	3	Nos	16625	49875
2(b)	Add extra for rock drilling in boreholes where rock is encountered, all complete as per specification and direction of Engineer-In-Charge.	15	RM	2400	36000
2(c)	Add extra for drilling boreholes beyond 15m depth.	10	RM	1950	19500
3	Making trial pits of 2 m x 2 m in size extending to 4 m depths at specified locations and taking undisturbed samples as per specification including backfilling of pit as per direction of Engineer-In-Charge	2	Nos	7500	15000
4	Conducting plate load test at specified location (loading intensity upto 8kg/cm ² or 40mm settlement whichever occurs earlier) all complete as per specification using plate of following size including backfilling as per direction of Engineer-In-Charge:				
(a)	450mm X 450mm.	1	Nos	44800	44800

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ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT RATE (Rs.)	AMOUNT (Rs.)
5	Conducting Field California Bearing Ratio tests at specified locations complete as per specification including backfilling as per direction of Engineer-In-Charge.	1	Nos	12000	12000
6	Conducting laboratory tests on soil and water samples all complete as per specification.(Payment against this item shall be made based on the total no. of boreholes driven as per Item No.2(a))	3	Per Bore-hole	4500	13500
7	Conducting Electrical resistivity test(ERT) as per specification including all necessary arrangement required to conducting the test as per customer Technical Specification.	2	Nos	7500	15000
8	Furnishing 2 copies of draft report and 5 copies of final report.	1	Lot	16100	16100
9	Detailed topographical survey of entire substation land, construction of bench marks, transfer of the reduced levels & coordinates to the bench marks(As per Enclosed Drawing), preparation of survey report, survey map & contour plan, all complete as per mentioned scope of work including cost of mobilization & demobilization, manpower, tools & tackles, equipment, etc as per direction of Engineer-In-Charge.	1	LOT	24000	24000
10	Furnishing Survey Map in Autocad as well as Excel Sheet showing Reduced level at grid of 5mx5m, Hard copies of survey map, optimum quantity of Earthwork in cutting & filling with proposed F.G.L and Survey Report as mentioned in the Clause 1.4.0 (02 copies of draft report/ drawing and four copies of final report/ drawings) and as per direction of Engineer-In-Charge.	1	LOT	6000	6000
TOTAL Amount (in Rs.)					352575
Note:- 1. Total Area of Yard is approx. 4000 Sqm. 2. Rates are excluding taxes					

ANNEXURE-II

**TRANSMISSION BUSINESS GROUP
(SUB- CONTRACTS MANAGEMENT)
TBG - NOIDA**

PRICE SCHEDULE FORMAT

**SUB: SOIL INVESTIGATION AND TOPOGRAPHY SURVEY FOR 220KV SUB-STATION
EXTENSION AT 6X60 MW BALIMELA POWER HOUSE, BALIMELA IN ORISSA”**

I/ We hereby agree to execute the above work at ----- % (in figure) -----
Percentage (in words) Above / Below/ at Par the rates of items given in BOQ for Soil
investigation and Topography survey for 220kv sub-station extension at 6x60 MW Balimela
Power House, Balimela in Orissa”

NOTE:

- 1 The percentage quoted shall be clearly written both in words and figures In case of
discrepancy in rates in figure and words, the minimum will be taken into account
by BHEL.
- 2 The quoted percentage will apply to the individual items unit rate uniformly.

Signature of tenderer
Name & Designation of authorised person (s) with seal

Date :

Place :

ANNEXURE-III		
SUMMARY OF PRICES FOR " SOIL INVESTIGATION AND TOPOGRAPHY SURVEY FOR 220KV SUB-STATION EXTENSION AT 6X60 MW BALIMELA POWER HOUSE, BALIMELA IN ORISSA"		
Sl No.	Description	Amount (Rs.)
1	Total amount as per the rates in BOQ for " Soil investigation and Topography survey for 220kv sub-station extension at 6x60 MW Balimela Power House, Balimela in Orissa" (Annexure-I)	3,25,575
2	Value of percentage above/below/ at Par (As indicated in price schedule format, Annexure-II) applicable to the total amount of subject work (sl. no. 1 above)% above/below/ at par
3	Total Cost for subject work after consideration of percentage above/below/ at par.	