



**SCHEDULE OF QUANTITIES FOR  
TOPOGRAPHICAL SURVEY OF  
2 X 660MW DVC RAGHUNATHPUR TPS  
STAGE-II- EPC PROPOSAL**

SPECIFICATION NO. PE-DC-P14-601-001

VOLUME III

SECTION

REV.NO. 0 DATE-08/05/2023

SHEET 1 OF 2

**SCHEDULE OF QUANTITIES  
FOR  
TOPOGRAPHICAL SURVEY**

**NOTES:**

1. The item of work in the schedule of quantities describes the work very briefly. Details of items shall be read in conjunction with the corresponding specification, drawings and other tender terms. For each item in the schedule of quantities, the bidder's rate shall include all the activities covered in the description of the items as well as for all necessary operations in detail described in the technical specification.
2. The bidder shall quote for finished items of work and shall provide all necessary power, water, instruments, fuel, tools and plants, tackles, materials, transport, labour, supervision and maintenance till handing over, repairs, rectifications, safety and security of their workmen and equipments including insurance etc.
3. The unit rates quoted shall include minor details which are obviously and fairly intended and which may not have been included in these documents but are essential for the satisfactory completion of the work.
4. Quantities of the various items mentioned in the schedule of quantities are approximate and may vary up to any extent or be deleted altogether and new items may be added. The contractor shall carry out all the works up to a variation of  $\pm 25\%$  (plus or minus twenty-five percent) on the tendered value of the contract and all tendered rates shall remain firm within this limit.
5. Rates shall be quoted in both figures and words in clear legible writing. No overwriting is allowed. All scoring and cancellations should be countersigned by the bidder. In case of illegibility, the interpretation of the engineer-in-charge shall be the final and binding on the contractor.
6. Engineer-in-charge's decision regarding clarification of items in the schedule with respect to other sections of the contract shall be final and binding on the contractor.
7. The bidder shall submit a scheme showing the arrangement and equipment proposed to be used for conducting the work along with the rates.
8. Contractor shall make his own arrangement for water, electricity, accommodation, access to site and the cost of all such works shall be considered to be included in his quoted price.



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**SCHEDULE OF QUANTITIES**

SL. NO	ITEM	UNIT	QTY.	RATE (INR)	AMOUNT (INR)
1	Carrying out bench mark from the nearest GTS bench mark or any other available source as approved by the engineer-in-charge to different locations in the project area including clearing of jungles and/or cutting trees and any other works required for completion of the said item etc. all complete as per specification and instructions of the engineer-in-charge. (Construction of bench mark pillar to be paid separately)	Km	5		
2	Carrying out topographical survey of plant and allied areas showing all permanent & general features and detailed contour survey by taking spot levels at 10m interval, carrying out cross section of canal/nallah by taking spot levels at 5m interval or less including clearance of jungles and cutting of trees etc which are interfering with the survey works and any other field works necessary for the completion of the said item, preparation and submission of all plans (maps), reports, floppy and originals etc all complete as per specification and instructions of the engineer-in-charge.	Hectare	113		
3	Construction of bench mark pillar/reference pillar/grid pillar at different locations including clearing of jungle, excavation, supply of materials, pillar marking, backfilling, white washing, painting on MS plate etc all complete as per specification, drawings and instructions of the engineer-in-charge. a) Bench mark pillar b) Grid/reference pillar	Each Each	4 25		