

## BILL OF QUANTITY CUM PRICE SCHEDULE

### Annexure-I

**Name of Project : 400/220 KV Substation at Unchahar**

**Name of Work : Blance Civil Work of Switchyard Road at Unchahar**

| S.No. | Description of Item   | Quantity | Unit    | Unit Rate(Rs) | Amount(Rs) |
|-------|---|----------|---------|---------------|------------|
| 1     | Supply, Stacking, Laying, spreading and compacting stone aggregates of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3-wheeled road / vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening/ binding materials to fill up interstices of coarse aggregate, watering and compacting to the required density etc., all complete. (Payment will be made for compacted layers only. Stone aggregates, screenings & moorum to be paid separately.).                                  |          |         |               |            |
| (a)   | Base course with stone aggregate 53mm to 22.4 mm including stone screening 11.2mm size and moorum/binding material. This also include all activity required for Road work of balance patch area/damaged WBM.  | 20       | cum     | 1924.11       | 38482.20   |
| (b)   | Morum/Binding Material for WBM Work. This also include all activity required for WBM of Road work of balance patch area/damaged Base course of WBM.   | 5        | cum     | 1012.10       | 5060.50    |
| 2     | Road Cleaning(WBM) for PCC like Removal of Soil, mud, grass vegetation etc to suit for work and disposal of debris as per direction of Engineer-In-Charge.  | 2500     | sqm     | 3.65          | 9125.00    |
| 3     | Providing and laying in position cement concrete of PCC 1:4:8 (Equivalent of M7.5) grade excluding the cost of centering and shuttering - All work upto plinth level.   | 210      | cum     | 4148.54       | 871193.40  |
| 4     | Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for RCC structural elements including roads excluding the cost of centering, shuttering, finishing and reinforcement including admixtures in recommended proportions (as per IS 9103) to accelerate, retrard setting of concrete, improve workability without impairing strength and durability. - <b>M25 grade (Note:- Cement content considered in M-25 is @330 kg/cum. Excess/ Less Cement used as per Design Mix is payable/Recoverable separately).</b> |          |         |               |            |
| (a)   | All works upto plinth level   | 290      | cum     | 5887.43       | 1707354.70 |
| 5     | Add/deduct for using extra cement in the items of design mix over and above the specified cement content therein.   | 90       | Quintal | 533.82        | 48043.80   |

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|-------|---|----------|------------------------|---------------|----------------|
| 6     | Centering and shuttering including strutting, propping, etc., and removal of form for:  |          |                        |               |                |
| (a)   | Foundations, footings, bases of columns, etc., for mass concrete.   | 300      | sqm                    | 184.42        | 55326.00       |
| 7     | Steel reinforcement -Cold twisted bars /TMT- Fe 500 (To be procured from SAIL,TISCO,IISCO, JINDAL STEEL and RINL only)  |          |                        |               |                |
| (a)   | Including supply, straightening, cutting and bending, binding (i/c cost of binding wire), placing in position, etc., all labour & material, complete.                           | 7800     | kg                     | 49.62         | 387036.00      |
| 8     | Providing and laying polythene sheet of 125 microns between the PCC and RCC slab in road/ pavement works all complete as per direction of Engineer-in-Charge)                   | 2100     | sqm                    | 12.69         | 26649.00       |
| 9     | Providing of Expansion Joint of 12mm wide with filling material   |          |                        |               |                |
| (a)   | Providing and filling in position, blown bitumen in expansion joint   | 0.20     | Cum                    | 48989.00      | 9797.80        |
| (b)   | Providing and fixing in position 12mm thick bitumen impregnated fibre board conforming to IS: 1838, including the cost of primer, sealing compound Grade A in expansion joints. | 30       | per cm depth per 100 m | 397.12        | 11913.60       |
|       |   |          |                        | <b>TOTAL</b>  | <b>3169982</b> |

**Note:**

- 1 Switchyard is commissioned/charged, work is to be performed in charged condition maintaining proper Safety protocol as per direction of Engineer-In-Charge and customer.
- 2 It is advised that contractor should visit site before quoting rate to know the actual site condition along with nature of balance work.

**ANNEXURE-II**

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

**PRICE SCHEDULE FORMAT**

**SUB: TENDER FOR“EXECUTION & HANDING OVER OF BALANCE CIVIL WORK OF SWITCHYARD  
ROAD AT UNCHAHAR IN UTTAR PRADESH”.**

**TENDER NO.:- TBSM/BAL\_CIVIL/SWITCHYARD ROAD/TENDER/19-20, DATE: 02.09.2019**

(a) I/ We hereby agree to execute the above work at ----- % (in figure).....  
----- (in words) Above / Below/ At Par the rates of items given in BOQ  
(Annexure-I) of subject tender.

**NOTE:**

1. In this annexure the tenderer shall quote a percentage above/ below/At Par the rates shown in the Bill of Quantities Cum Price Schedule (Annexure-I) of subject tender for evaluation purpose. 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 uniformly.

Date:  
Place

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

**ANNEXURE-III**

**EXECUTION & HANDING OVER OF BALANCE CIVIL WORK OF SWITCHYARD ROAD AT UNCHAHAR IN UTTAR PRADESH.**

**Tender Spec. no.:- TBSM/BAL\_CIVIL/SWITCHYARD ROAD/TENDER/19-20, Date: 02.09.2019**

| <b>Sl No.</b> | <b>Description</b>   | <b>Amount (Rs.)</b>        |
|---------------|--|----------------------------|
| 1             | Total amount as per the rates in BOQ for " Execution & handing over of balance civil work of switchyard road at Unchahar in Uttar Pradesh." (Annexure-I)   | 31,69,982.00               |
| 2             | Value of percentage above/below/at par (As indicated in Price Schedule Format, Annexure-II) applicable to the total amount of civil work (Sl. no. 1 above) | .....% above/below/ at par |
| 3             | <b>Total amount after consideration of percentage above/below/ at par.</b>   |                            |
|               | Total Amount in Words after consideration of percentage above/below/ at par:-  |                            |