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## TENDER SPECIFICATION

**TENDER NO. BHEL/NR/SCT/RAPP KOTA/EXCAVATION/983**

**FOR**

**Excavation work of Hard Rock –Requiring Blasting by Mechanical Means (Hydraulic Excavator/Manual Means) of Pits for Tree Plantation at 2 X 700 MW, RAPP 7 & 8 OF NPCIL.**

### **PART- II - PRICE BID**



**Bharat Heavy Electricals Limited**  
(A Govt. Of India Undertaking)  
**Power Sector – Northern Region,**  
**Plot No. 25 , Sector - 16A ,**  
**Distt. Gautam Budh Nagar,**  
**NOIDA – 201 301 (INDIA)**



**ISO 9001, ISO 14001,  
OHSAS 18001 & SA 8000  
certified company  
Sub Contract Deptt.**

**Bharat Heavy Electricals Limited**  
 (A Govt. Of India Undertaking)  
**Power Sector – Northern Region,**  
**Plot No. 25 , Sector - 16A ,**  
**Distt. Gautam Budh Nagar, NOIDA – 201 301(INDIA)**  
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**IMPORTANT NOTE**

PURCHASER OF THIS TENDER DOCUMENT IS ADVISED TO CHECK AND ENSURE COMPLETION OF ALL PAGES OF TENDER DOCUMENT AND REPORT ANY DISCREPANCY TIMELY FOR CORRECTIVE ACTION, IF ANY, TO THE ISSUING AUTHORITY BEFORE THE BIDS ARE SUBMITTED. ORIGINAL COPY OF TENDER DOCUMENT COMPLETE IN ALL RESPECTS MUST BE SUBMITTED BACK AS PART OF THE BID WITHOUT WHICH THE SAME IS LIABLE TO BE REJECTED BY BHEL.

THIS TENDER SPECIFICATION ISSUED TO:

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**Annexure-A****RATE SCHEDULE**

**Job:- Excavation work of Hard Rock – Requiring Blasting by Mechanical Means (Hydraulic Excavator/Manual Means) of Pits for Tree Plantation at 2 X 700 MW, RAPP 7 & 8 OF NPCIL.**

<b>Sl. No.</b>	<b>Description of work</b>	<b>Total Value in Rupees (In figures and words "A")</b>
1	<b>Excavation work of Hard Rock – Requiring Blasting by Mechanical Means (Hydraulic Excavator/Manual Means) of Pits for Tree Plantation at 2 X 700 MW, RAPP 7 &amp; 8 OF NPCIL.</b>	
<b>Total Amount (Rs.)</b>		

**Notes:-**

**The rates of different items for the entire scope shall be worked out & awarded as per Annexure 'B'.**

**Annexure – B****Calculation ratio for different items based upon the total value as per rate schedule**

Sl. No.	Description of work	Unit	Qty.	Rate per unit in Rupees (In figures and words)
1	Excavation in Hard rock (REQUIRING CONTROLLED BLASTING) by mechanical means (Hydraulic excavator)/ manual means; for digging of pits for tree plantation including clearing all grass, vegetation etc. Area of pit shall be one sqm and depth approx. 1 mtr, pits shall be at 3 mtrs center to center. This includes trimming of excavation bottom, stacking, levelling, grading etc of excavated material, dressing of sides and ramming of bottoms, lift upto 1m, including getting out the excavated material and disposal of surplus excavated material within a lead of 100 mtr as directed by BHEL Engineer and as per specifications. ( Size of Pit : 1000 mm X 1000 mm X 1000 mm )	NOS.	21700	$\frac{A \times 4.1554}{100000}$
	Extra over item no. 101 above for carriage (including loading, unloading, stacking etc.) of all types of excavated materials beyond the initial lead of 100 mtr all complete as per specifications, drawings and instructions of the BHEL Engineer for the following leads.	-	-	-
2	Carriage beyond initial lead of 100 mtr but not exceeding 2 km.	Cum	12500	$\frac{A \times 0.3786}{100000}$
3	Carriage beyond initial lead of 100 mtr but not exceeding 3 km.	Cum	5000	$\frac{A \times 0.4790}{100000}$
4	Carriage beyond initial lead of 100 mtr but not exceeding 4 km.	Cum	3000	$\frac{A \times 0.5931}{100000}$
5	Carriage beyond initial lead of 100 mtr but not exceeding 5 km.	Cum	1000	$\frac{A \times 0.7392}{100000}$
6	Carriage beyond initial lead of 100 mtr but not exceeding 7 km.	Cum	100	$\frac{A \times 0.7481}{100000}$
7	Carriage beyond initial lead of 100 mtr but not exceeding 10 km.	Cum	100	$\frac{A \times 1.0701}{100000}$

**Note:-**

1. Conditional price bids or price bids with any deviation/ clarification etc. are liable to be rejected. No cutting / erasing / over writing shall be done.
2. In case of any mismatch in rate and amount on price discrepancy, the same will be dealt as per clause no. 1.4 of GCC.