

FOR OFFICIAL USE ONLY
NOT FOR PUBLICATION

TENDERER'S COPY
ORIGINAL COPY

TENDER SPECIFICATION

TENDER NO. BHEL/ NR /SCT/ FRK / GEN STR/TRANSHIPMENT/622

FOR

“Transshipment of Turbo Generator Stator of 500 MW unit from the railway wagon inside the power plant premises on to Hydraulic Trailers and its safe transportation to TG hall unloading point at 1 x 500 MW Unit-6, Farakka Super Thermal Power Project (FSTPP) at Farakka town of Murshidabad district of West Bengal”

PART II – PRICE BID



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



**ISO 9001-2000, ISO 14001 and
OHSAS 18001 certified
company
SubContract and Purchase
Deptt.**

**Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)
Power Sector – Northren Region,
Plot No. 25 , Sector - 16A ,
Distt. Gautam Budh Nagar, NOIDA – 201 301.INDIA
Phone: 0091-0120-2515476 / 2515464 / 2515479
Fax 091-0120-2515464 / 2515467
Email: sku@bhelnsnr.co.in / swapan@bhelnsnr.co.in**

TENDER NO. BHEL/ NR /SCT/ FRK / GEN STR/TRANSHIPMENT/622

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:

M/S-----

RATE SCHEDULE

**Transshipment of Turbo Generator Stator of at 1 x 500 MW Unit-6, Farakka Super
Thermal Power Project (FSTPP)**

SL NO	DESCRIPTION OF ACTIVITY	QTY (lot)	VALUE (Rs.)
01	Entire scope of work as per tender specification for transshipment of stator from wagon to the hydraulic split type road trailers of suitable combination specified in the tender drawings and transportation near the 'A' row of power house between the existing foundations for unloading. Transportation and refixing of carrier beam back to wagon for onward transportation through wagon to BHEL Hardwar.	01	
02	Design and Preparation of detailed drawings for four nos. Civil foundation pads in line with drawing No.3-139-38-01027, Entire civil works with materials and area development as per tender specifications at Farakka plant at transshipment location. (Total amount as per item Rate Schedule BB)	01	

Total Amount (in Figures and words)

Date:

(Signature of the tenderer with seal)

Rate Schedule BB**CIVIL WORKS (ITEM RATES)**

SI No	CODE	DESCRIPTION OF ITEM	UNIT	TOTAL QTY	RATE	AMOUNT
		CIVIL WORKS				
		EARTHWORK / SITE CLEARANCE / ROADWORK				
1	C2	Surfact dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50m and lift upto 1.5m in all kinds of soil.	sqm	500		
2	C3	Earth work in excavation in all types of ordinary and hard soil by mechanical means (Hydraulic excavator)/manual means including stacking the excavated soil, dressing of sides and ramming of bottom, dewatering of accumulated water from any source and keeping the surface dry for subsequent works such as concreting form work etc. and disposal of surplus excavated soil as directed, disposed soil to be neatly levelled and dressed lead upto 50 meters and lift upto 1.5meter complete.	Cu.M	24		
3	C4	Back filling available excavated earth in trenches, plinth, slides of foundations etc., including re-excavating the deposited soil excavated earlier, breaking clods, laying at all depths and heights in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering complete lead upto 50 Metre and lift upto 1.5 Meter.	Cu.M	5		

4	C5	Disposal of surplus excavated earth and debris including re-excavating the deposited soil earlier, transportation, loading, unloading, laying at all depths and heights, leveling and dressing both the area (viz. From where earth is transported and where it is deposited) to required levels and slopes, complete with all lifts as directed.				
5	a)	upto 1 km	Cu.M	15		
6	C6	Preparation and consolidation of site area with power road roller of 8 to 12 tonne capacity after levelling, grading, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the subgrade and disposal of surplus earth lead upto 50 Mtrs	sqm	1600		
7	C8	Supply and Laying water bound macadam with specified stone aggregate stone screening and binding material including screening, sorting, spreading to template and consolidation with power road roller of 8 to 10 tonne capacity etc. complete with supply for stone aggregate, screenings, kankar, moorum and red bajri etc.				
8	a)	Base course with 63 mm to 45 mm size including stone screening 13.2mm size.	cum	160		
9		PCC				
10	C14	Plain cement concrete of mix 1:3:6 (1 cement : 3 coarse sand and 6, 20 mm down graded stone aggregate) for column footing, levelling, floors etc., including cost of all materials, lead, lift, labour charges, consolidation, shuttering, curing etc. complete.	Cu. M	250		
11		RCC				

12	C20	Reinforced cement concrete of mix 1:1.5:3 (1 cement, 1.5 coarse sand and ,3 :20 mm down graded aggregate) for column footing, sunshades, shelves, lintels etc. including cost of materials, lead lift, labour charges for concreting, curing etc. complete.	Cu. M.	21		
13	C21	Centring and shuttering including providing all shuttering material , strutting, propping etc. and removal of form work for : Lintels, beams, plinth beams, girders, bressumers and cantilevers.	sqm	25		
14	C22	Providing and placing mild steel/ tor steel reinforcement for RCC work including cost of all materials, labour for cutting, bending, binding and placing in position complete as per drawing and instruction of Engineer.	MT	2		

Total Amount of BB (in Rs.)

NOTE:

1. In case of omission in quoting any rate, the evaluation will be done considering the highest quoted rate obtained against that item but the work, if awarded, will be on the lowest quoted rate obtained against that item
2. The rate shall be entered in figures as well as in words. In case of difference in rates between words and figures, the lesser of the two will be treated as valid rate. .
3. The bidders shall enter both 'Unit Rate' & 'Amount'. In case of any mismatch between 'Total Amount based on Unit Rate' & 'Total Amount as quoted', the lower of the two shall be considered for evaluation and award.
4. The quantities indicated against each item of Rate Schedule BB above are tentative and same are liable to vary depending upon the site requirement. The contractor has to handle all items indicated by BHEL Engineer for completion of work. The Civil work shall be executed and paid as per actual requirement at site.

Date:

(Signature of the tenderer with seal)