



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Govt. of India Undertaking)

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**TENDER CHANGE NOTE 01 (TCN – 01) DT:30-12-2010**

**WITH REFERENCE TO THE NIT, PUBLISHED IN THE WEB SITES FOR PROVIDING COMPLETE LOGISTICS OF VARIOUS TRANSPORTATIONS ETC AND TRANSPORTATION OF ALL ITEMS FROM VARIOUS BHEL MANUFACTURING UNITS AND PSER/SITE ETC TO PALATANA SITE THROUGH ROADWAYS FOR UNIT # 1 & 2 OF 726.6(2X363.3) MW GAS BASED CCPP AT PALATANA, UDAIPUR, TRIPURA, FOLLOWING CHANGES MAY PLEASE BE NOTED AND COMPLIED WHILE SUBMITTING THE OFFER FOR THE SUBJECT JOB.**

**REF: TENDER DOCUMENT NO-PSER:SCT:PAL-M1168:10**

Based on the queries raised by bidder following clarifications have been provided:

- 1) There is some typographical error in Annexure-I of Volume-II. The dimension of Generator stator shall be weighing 48MT with LxWxH equals to 11.4 Mx1.8 Mx2.3 M, instead of 46 MT; and 10Mx1.5Mx1.5M. This change has been incorporated in SCH-3 of revised Price schedule, Rev-01.
- 2) There is some typographical error in SCH-1(summary of all prices) of Price Schedule, the same has now been corrected in revised Price schedule, Rev-01.
- 3) In case, all the listed materials could not be transported due to monsoon, force majeure conditions and other reasons not attributable to the contractor, within six months and prior to monsoon and in case the bypasses, bridges require repair/ renovation etc due to damage because of monsoon, the cost of such repair/renovation shall be paid to you. This change has been incorporated in SCH-2 of revised Price schedule, Rev-01.
- 4) In consideration of all the above, the Price/Rate schedule has been revised and enclosed herewith as Rev-01. The price schedule, Rev-0 stands cancelled and bidders are requested not to quote as per Price Schedule, Rev-0.
- 5) Clause no. 3.3 (payment terms) of Vol-II & ID has been modified and detailed below. For item no. PART-A(ii) new clause no. 3.3.4.2(I) has been written below:
  - 3.3.1 90% of the corresponding amount against each item of SCH-2 of Price Schedule, Rev-01, (activities mentioned in 3.3.4 as below) along with 100% taxes & duties (if applicable) shall be released on completion of respective item wise activities on pro-rata basis as per Billing Schedule approved by BHEL.
  - 3.3.2 5% of the Contract Price will be released after completion of work under this Contract after settlement of all pending issues.
  - 3.3.3 Balance 5% of the Contract Price will be released after completion of guarantee period or at the start of guarantee period against BG of equivalent amount valid till guarantee period.
  - 3.3.4 Gross Payment on 100% basis will be regulated in the following manner :

**PART-A(i): Payment Break-up For SURVEY, DESIGN, CONSTRUCTION OF BYPASSES, STRENGTHENING/ SUPPORTING OF BRIDGE TO ENHANCE LOAD CARRYING CAPACITY, AND DISMANTLING / REMOVAL OF BYPASS / SUPPORT STRUCTURE:**

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION, DJ-9/1, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960 फोन/Phone : बोर्ड/EPABX : 23211691 / 1684

- 3.3.4.1. Submission of logistics plan including bypass design & construction details, schedule for transportation etc. from various starting points to Palatana site & completion of construction of Bypasses & strengthening /supporting of Bridge - **75% of contract value for Part – A(i) –as detailed in SCH-2 of Rate /Price Schedule,rev-01.**
- 3.3.4.2 Dismantling of Bypasses/Removal of supporting structures etc. after all the consignments have been transported: **25 % of contract value for Part – A (i) as detailed in SCH-2 of Rate /Price Schedule,rev-01**

**PART-A(ii) : Payment break up for Repair/renovation of bypasses, bridges etc damaged due to monsoon season :**

- 3.3.4.2(I)** Repair/renovation of bypasses, bridges etc damaged due to monsoon season, for transportation of balance materials,if any, after monsoon period of 2011- **100% of contract value for Part–A(ii) as detailed in SCH-2 of Rate/Price Schedule,rev-01**

**PART-B : Payment Break up For TRANSPORTATION & STORAGE FACILITY:**

- 3.3.4.3 Transportation of items from Starting point to Palatana site -**100% of item rate as per SCH-3** on completion of transportation of the item for **Part – B work of SCH-2.**
- 3.3.4.4 Creation / arrangement of storage facility including loading/unloading facility with material handling equipments & stools/ sleepers etc – **100% of the price as per sl. 16 of SCH-3** progressively on monthly basis & final after completion of transportation of last item.
- 3.3.5 In case of increase in weight & dimension of consignment within 5%, no additional payment is envisaged on this account. Beyond 5% increase in weight/dimensions, as mentioned in SCH-3 of Price Schedule (Annexure-I of this Volume-II&ID), payment shall be made as follows:

(I) WEIGHT: FOR EVERY 5.0 MT OR PART THEREOFF 1.25 % OF CONTRACT VALUE OF THE CONSIGNMENT

(II) LENGTH: FOR EVERY 0.5 Mts. OR PART THEREOFF 1.25% OF CONTRACT VALUE OF THE CONSIGNMENT

(II) WIDTH: FOR EVERY 0.25 Mts. OR PART THEREOFF 1.5% OF CONTRACTVALUE OF THE CONSIGNMENT

(IV) HEIGHT: FOR EVERY 0.25 Mts. OR PART THEREOFF 1.75% OF CONTRACTVALUE OF THE CONSIGNMENT

IN ANY CASE PROPORTIONATE CHARGES SHALL NOT EXCEED 15% OF CONTRACT VALUE OF THE CONSIGNMENT.

Note :

1. Payment will be made in Indian Rupees which is the currency of the Contract.
2. Payment will be subject to any recovery to be made from the Contractor.
3. Any income tax liability of the Contractor at source shall be deducted in accordance with Indian Income Tax law as applicable from time to time and necessary certificate in respect of such deduction in accordance with Law shall be furnished to the Contractor at his written request to BHEL.

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4. Logistics vendors will have to submit their bill against terms of payment at Sl. No. 3.3.4.3 on completion of transportation item-wise as detailed in SCH-3 to the respective units along with certificate from Site in charge for receipt of materials at site in good condition & after fulfilling the other provisions of contract.
  5. The bill against terms of payment at Sl. No. 3.3.4.1, 3.3.4.2 , 3.3.4.2(I) & 3.3.4.4 for submission of documents towards design / construction of bypass etc. and completion of construction, dismantling of Bypass & Creation / arrangement of storage facility shall be submitted to Logistics cell / PSER, Kolkata along with service tax. Service tax will be as per clause no. 3 of 3.13 of Volume-II & ID.
  6. Vendor may please note that for the above consignments, GTA Service Tax will be **paid** by BHEL respective Units and for Civil Works at Site : Service Tax will be as per clause no. 3 of 3.13 of Volume-II & ID.
  7. BHEL/PSER-Logistics group, co-ordinating this job, may at its discretion further split up the above percentage break ups given in clause no. 3.3 above under various payment heads and facilitate payment to the bidder to suit their activity/ mobilisation status, cash flow requirement, according to the progress of work.
  8. Payment for a particular consignment, reached at Site, will not be released until and unless the damage / shortage certificate, if any occurs in that consignment, is not received by BHEL.
- 6) Sl.no.I) is added to clause no. 2.1.3 of Volume-II & ID as under
- I) The toe of the earth embankment and both sides of RCC hume Pipes shall be protected with suitable arrangements such as Brick wall or pitching with GI wire mesh.

BIDDERS TO NOTE THAT ALL TCNS WILL FORM PART OF TECHNICAL SPECIFICATION & SPECIAL CONDITION OF CONTRACT OF TENDER DOCUMENT.

ALL OTHER TERMS & CONDITIONS OF THE TENDER SHALL REMAIN UNCHANGED.

**ENGR (SCT)**

<b>VOLUME-III PRICE SCHEDULE, REV-01</b>	
<b>PROVIDING COMPLETE LOGISTICS OF VARIOUS TRANSPORTATIONS ETC AND TRANSPORTATION OF ALL ITEMS FROM VARIOUS BHEL MANUFACTURING UNITS AND PSER/SITE ETC TO PALATANA SITE THROUGH ROADWAYS FOR UNIT # 1 &amp; 2 OF 726.6 (2X363.3) MW GAS BASED CCPP AT PALATANA, UDAIPUR, TRIPURA.</b>	
<b>TENDER NO - PSER:SCT:PAL-M1168:10</b>	
<b>PREAMBLE</b>	
1.0	This preamble forms part of tender document and schedule of items. The tenderer should read this preamble carefully in rates for various items. Clauses under this preamble shall be read in conjunction with other volumes of tender as applicable.
2.0	The work shall be carried out strictly as per specifications, description of the items in these schedule and / or engineer's instructions.
3.0	Items of work provided in this schedule but not covered in this specification shall be executed strictly as per instruction of the engineer.
4.0	Unless specifically mentioned otherwise in the tender document, the tenderer shall quote for the finished items and shall provide for the complete cost towards power, fuel, tools, tackles, equipment, constructional plants, temporary works, labour, dismantling of all temporary piping, structures, valves, pumps, tanks & other misc. equipment, strengthening of roads/culverts/bridges etc. including arranging all clearances etc. required for carrying out different activities & tests, materials, levies, taxes, transport, layout, repairs, rectification, maintenance till handing over, supervisions, colonies, shops, establishments, overheads, profits and all incidental items not specifically mentioned but reasonably implied and necessary to complete the work according to the tender document and this schedule.
5	The items/quantities/weights of the various transportations mentioned in this schedule of items are approximate, based on preliminary information and may vary or be deleted altogether. The quoted unit rate for each item shall remain firm and valid as long as variation in total value of work executed under this contract including extra items, if any, but excluding any price escalation, remains within (+/-) 30% (Thirty percent) of the contract price.
6.0	The rates quoted shall be inclusive of cleaning of site of any vegetation, dressing and leveling etc. including fixing of grid pillars, benchmarks etc. required for commencement of site activities. No separate payment will be made towards the same.
7.0	Rates shall be quoted in figures and in words in clear legible writing. No overwriting is allowed. All scoring and cancellations should be countersigned and in case of illegibility the interpretation of engineer shall be final. All entries shall be in English language.
8.0	All works item wise shall be measured upon completion and paid for at the rates quoted and accepted.
9.0	The tender shall be deemed to have studied the specifications, details of work to be done within the time schedule attached and to have acquainted himself of the conditions prevailing at site.
10.0	Engineer's decision shall be final and binding on the contractor regarding clarification of items in the schedule with respect to the other sections/volumes of the contract.
11.0	Evaluation shall be on total lumpsum lowest quoted price only.
12.0	In the case of transportation of any new item, Bidder shall have to execute the same based on the tonnage rate derived from the item-wise unit rate of that route or nearest route quoted in this tender.

**VOLUME-III  
PRICE SCHEDULE , REV-01**

**PROVIDING COMPLETE LOGISTICS OF VARIOUS TRANSPORTATIONS ETC AND TRANSPORTATION OF ALL ITEMS FROM VARIOUS BHEL MANUFACTURING UNITS AND PSER/SITE ETC TO PALATANA SITE THROUGH ROADWAYS FOR UNIT # 1 & 2 OF 726.6 (2X363.3) MW GAS BASED CCPP AT PALATANA, UDAIPUR, TRIPURA.**

**TENDER NO. PSER:SCT:PAL- M1168:10**

**MAIN PRICE (SCH-I)**

SL NO	DESCRIPTION	QTY	AMOUNT (IN RS) (IN FIG. & IN WORDS)
1	Total price for Carryout survey & design for construction of by-passes, strengthening/supporting of bridge to enhance load carrying capacity and dismantling/removal of Bypass/support structure after completion of transportation of all the items required for Providing Complete Logistics for transportations, including repair/renovations of damages occurring after moonson for balance materials,if any, etc., of all items from Various BHEL Manufacturing units and PSER/site etc to Palatana site through Roadways including construction/arrangement of storage facility, arranging all necessary approvals & smooth Transportation of all the items as listed in Annexure-I for Unit # 1 & 2 of 726.6 (2X363.3) MW Gas based CCPP at Palatana, Udaipur, Tripura as per scope of work mentioned in the tender & any other related job whether mentioned or not but essentially required for completion of contract taking into account all changes/ clarifications indicated through TCNs till date .	1 LOT	
NOTE	<b>The break up of prices of this scummary of Prices(SCH-1) to be detailed in next page in Schedule-2</b>		

**VOLUME-III  
PRICE SCHEDULE , REV-01**

**PROVIDING COMPLETE LOGISTICS OF VARIOUS TRANSPORTATIONS ETC AND TRANSPORTATION OF ALL ITEMS FROM VARIOUS BHEL MANUFACTURING UNITS AND PSER/SITE ETC TO PALATANA SITE THROUGH ROADWAYS FOR UNIT # 1 & 2 OF 726.6 (2X363.3) MW GAS BASED CCPP AT PALATANA, UDAIPUR, TRIPURA.**

**TENDER NO. PSER:SCT:PAL-M1168:10**

**MAIN PRICE BREAK UP (SCH-2)**

SI. NO.	Description	Quantity	Amount (Rs.)
1	<b><u>PART-A (i):</u></b> Lump sum price for Carryout survey & design for construction of bypasses, strengthening / supporting of bridge to enhance load carrying capacity, and dismantling/removal of Bypass / support structure after completion of transportation of all the items required for Providing Complete Logistics for transportations etc of all items from Various BHEL Manufacturing units and PSER/site etc to Palatana site through Roadways for Unit # 1 & 2 of 726.6 (2X363.3) MW Gas based CCPP at Palatana , Udaipur, Tripura as per scope of work mentioned in the tender & any other related job whether mentioned or not but essentially required for completion of contract.	1 LOT	
2	<b><u>PART-A (ii):</u></b> Lump sum price for Repair/renovation of bypasses, bridges etc damaged due to mosoon season, for transportation of balance materials, if any, after moonsoon period of 2011 from Various BHEL Manufacturing units and PSER/site etc to Palatana site through Roadways for Unit # 1 & 2 of 726.6 (2X363.3) MW Gas based CCPP at Palatana , Udaipur, Tripura as per scope of work mentioned in the tender.	1 LOT	
3	<b><u>PART-B:</u></b> Total price for construction /arrangement of storage facility & Transportation of all the items as listed in Annexure-I from Various BHEL Manufacturing units and PSER/site etc to Palatana site through Roadways for Unit # 1 & 2 of 726.6 (2X363.3) MW Gas based CCPP at Palatana, Udaipur, Tripura as per scope of work mentioned in the tender.	1 LOT	
	Total ( 1 + 2 +3)		
NOTE	<b>1) The total price of both 1 , 2 and 3 above will be considered for evaluation of the contract price. However, the agency will give item-wise rate of all the items as per break up mentioned in ITEMWISE BREAK UP FOR TRANSPORTATION &amp; STORAGE FACILITY in SCH-3 for PART-B portion of work.</b>		
NOTE	<b>2) The item Part-A(ii) shall be operative only in case of applicability</b>		

VOLUME-III PRICE SCHEDULE , REV-01										
PROVIDING COMPLETE LOGISTICS OF VARIOUS TRANSPORTATIONS ETC AND TRANSPORTATION OF ALL ITEMS FROM VARIOUS BHEL MANUFACTURING UNITS AND PSER/SITE ETC TO PALATANA SITE THROUGH ROADWAYS FOR UNIT # 1 & 2 OF 726.6 (2X363.3) MW GAS BASED CCPP AT PALATANA, UDAIPUR, TRIPURA										
TENDER NO. PSER:SCT:PAL- M1168:10										
ITEMWISE BREAK UP FOR TRANSPORTATION & STORAGE FACILITY (SCH-3)										
SL. NO.	Item Description	UNIT WT. IN MT s	DIMENSIONS IN METRES			CONCERN ED UNIT	TO BE LIFTED FROM	QTY/ DURATION	UNIT RATE (In Rs.)	AMOUNT (IN Rs) ( In Fig.s & In words)
A	Gas Turbine		LENGTH	WIDTH	HEIGHT					
1	GT Accessory Package (ACC. Base)	49.9	9.2	3.44	4.1	HYDERABAD	Hyderabad	2 Nos		
2	Exhaust Diffuser Duct	30	7	3.8	3.8		Mumbai	2 Nos		
3	LCI Panel	20	10.668	4.115	3.848		Mumbai	2 Nos		
4	LCI Panel	18.5	8.992	4.115	3.848		Mumbai	2 Nos		
B	Gas Booster Compressor ( 3 nos)									
5	Compressor Skid	26	7.5	3.5	2		Hyderabad	3 Nos		
6	Lube Oil Skid	16	3.5	3.5	2.5		Bangalore	3 Nos		
C	Steam Turbine									
7	ST Rotor (bare rotor wt & diemensions)	50.317	9.2	3.44	4.1		Hyderabad	2 Nos		
D	Heat Exchangers									
8	Feed Storage Tank	23.1	13.6	3.6	4.1	Hyderabad	2 Nos			
9	Condenser Bottom Plate Assly	8.5	6	5	0.25	Hyderabad	4 Nos			
E	ST Generator									
10	ST Generator Rotor	48	11.4	1.8	2.3	Hyderabad	2 Nos			
F	TRANSFORMER					JHANSI				
11	16 MVA UAT ( OIL FILLED )	32	4.6	2.8	3		JHANSI	2 Nos		
12	25 MVA ST ( GAS FILLED)	38	5.5	2.45	3.28		JHANSI	2 Nos		
G	GENERATOR					HARIDWAR				
13	250MW Generator Rotor (Pkg. 205)	47.48	10.55	1.56	1.66		Durgapur	2 Nos		
H	HRSG					Trichy				
14	HRSG Transition duct	1.3	7	3.6	0.75		Trichy	4 Nos		
I	CRANE					PSER				
15	250MT Crawler Crane Cabin	45	9.61	3.45	3.511		PSER(MEJIA SITE)	1 no.		
16	Creation/Arrangement of Storage Facility with M.H. Equipments & stools / sleepers					Creation / Arrangement of storage facility at Guwahati or nearby area on monthly basis	6 Months			
17	<b>TOTAL PRICE</b>									