



ONGC TRIPURA POWER COMPANY LTD.
(A Joint Venture of ONGC, IL & FS, IIF and Govt. of Tripura)

INVITATION FOR BID

Ref.No: OTPC/PLT/C&M/OTR/2019-20/585

DT: 15.03.2020

Sealed Bids are invited by ONGC Tripura Power Company Limited(OTPC), kakraban Road, PO:Palatana PS: Kakraban., Gomati District , Tripura -799105(India) " in and around our 2 x 363.3 MW Combined Cycle Power Plant, located at Palatana Udaipur(Tripura).

Details of Work	585(OTR)	1. Construction of Hydra Movement Path Way for Cooling Tower-2 ,OTPC Palatana.
Sale of Bid Documents	Bid Document can be purchased by the bidder from the office of OTPC, Palatana site Office during office hours of any working day from 16th March ' 2020 upto on or before 21st March ' 2020 , on specific documents by the bidder or his authorised representative.	
Last date for BID receipt and Opening,	On or before 16.00 Hrs (IST) on 23rd March ' 2020, and opening bids on 24th March'2020, at 3.00 PM if possible.	
Contact Person	DGM (Projects/InCharge-C&M) , Palatana Site Office	
Contact Nos .	+91-0381-2363735/3720 '	

Please visit our official web site:www.otpcindia.in for further details of this notice.
OTPC reserves the right to cancel and / or change the bidding process in full or part at any stage without assigning any reason whatsoever.
for **ONGC Tripura Power Company Limited.**
DGM (Projects/InCharge-C&M) , Palatana Site Office



ONGC TRIPURA POWER COMPANY LIMITED

NOTICE INVITING BID (NIB)

FOR

Notice Inviting of Bid for Construction of Hydra Movement Path Way
for Cooling Tower-2 of OTPC Palatana, Udaipur Gomati Tripura .

2 x 363.3 MW

GAS BASED COMBINED CYCLE POWER PLANT

AT

PALATANA, UDAIPUR, TRIPURA

(This document is meant for the exclusive purpose of bidding against this specification and shall not be transferred, reproduced or otherwise used for purposes other than that for which it is specifically issued).

NOTICE INVITING BID ("NIB")**1.0 INTRODUCTION**

- 1.1 ONGC Tripura Power Company Limited (hereinafter referred as "OTPC" or "Owner"), a joint venture company promoted by Oil and Natural Gas Corporation Limited ("ONGC"), Infrastructure Leasing and Financial Services Limited ("IL&FS") and Government of Tripura, is a public limited company incorporated under the Indian Companies Act, 1956 and one of its office at 6th Floor, IFCI Tower, 61, Nehru Place, New Delhi-110019 (India). OTPC has set up a 2 x 363.3 MW combined cycle power project at Palatana, which is about 60 (sixty) km from the capital city of Agartala in the State of Tripura. The Site where the Project is developed is located about 9 (Nine) km from nearest town Udaipur.
- 1.2 OTPC invites domestic Bidders with requisite technical capability and sound financial position, for LSTK (Lump Sum Turnkey) bids for Notice Inviting of Bid for Construction of Hydra Movement Path Way for Cooling Tower-2 of OTPC, Palatana, Udaipur Gomati Tripura of OTPC at 2 x 363.3 MW combined cycle power plant located at Palatana, Udaipur Gomati Tripura.
- 1.3 The Bid must be submitted in accordance with the requirements set out in the Bidding Document, in a sealed envelope containing 2 (two) separate sealed envelopes:
- 1.3.1 The first envelope will have qualifying experience/capability and Unpriced Techno-Commercial Bid without any reference to price; and
- 1.3.2 The second envelope will have the Price Bid for Notice Inviting of Bid for Construction of Hydra Movement Path Way for Cooling Tower-2 of OTPC, Palatana, Udaipur Gomati Tripura.
- 1.3.2 Bid documents mentioned at Clause 1.3.1 and Clause 1.3.2 must be submitted accordance with the checklist for bid submission and duly accepted & signed standard general terms & conditions document.

- 1.1.1 Notice Inviting of Bid for Notice Inviting of Bid for Construction of Hydra Movement Path Way for Cooling Tower-2 of OTPC, Palatana, Udaipur Gomati Tripura .

k.	Address for correspondence: DGM (Projects/InCharge-C&M) ONGC Tripura Power Company Limited, Palatana Project Site, Udaipur, Gomti District, Tripura – 799105 Ph: + 91-381-2363720 Fax: + 91-381- 2363720 E-mail: Send e-mails to tapas.bhowmik@otpcindia.in	
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3.0 BRIEF SCOPE OF WORK

- 1.3.3 The brief scope of work to be performed under the Bidding Document shall include Re-Construction of Construction of Hydra Movement Path Way for Cooling Tower-2 of OTPC, Palatana, Udaipur Gomati, Tripura at 2 x 363.3 MW combined cycle power plant at Palatana, Tripura.

4.0 QUALIFICATION REQUIREMENT OF THE BIDDER

- 1.3.4 As per Tender Pre-Qualification Criteria for Construction of Hydra Movement Path Way for Cooling Tower-2 of OTPC, Palatana, Udaipur Gomati, Tripura.

5.0 GENERAL

- 5.1 On the basis of a written application, Bidding Document can be purchased from the office of the DGM(Projects/Incharge-C&M), OTPC, Palatana Project Site, Udaipur, Gomti District, Tripura – 799105 on working days as per the price and other payment details indicated above in Article 2.0.
- 5.2 Bidders to confirm compliance to terms, conditions, specifications and requirements mentioned under the Bidding Document, at the time of submission of Bids, failing which the Bids may be liable for rejection.

- 1.1.1 Notice Inviting of Bid for Notice Inviting of Bid for Construction of Hydra Movement Path Way for Cooling Tower-2 of OTPC, Palatana, Udaipur Gomati Tripura .

Checklist for Bid Submission of Qualificatin Bid

Tender Notice No. Ref.No: OTPC/PLT/C&M/OTR/2019-20/585 DT: 15.03.2020

Name of Work :- Construction of Hydra Movement Path Way for Cooling Tower-2 ,OTPC Palatana.

<i>Sl.No.</i>	<i>Description of Documents</i>	<i>Submission Status</i>
1	Self Attested Copy of CPWD/MES/P&T/Railways/BRO/Central PSU's or State PWDs valid enlistment certificate for Civil works of similar grade or above.	
2	Self Attested Copy of valid Contractor License.	
3	Copy of PAN card & Photo ID Card	
4	Copy of valid Labour License (Interstate migrant labour license of workers are out of Tripura) & Insurance Copy under WCA.	
5	Copy of valid PF Registration Certificate.	
6	Copy of valid GST regd. No. & Service Tas Registration certificate as available.	
7	Copy of Work Order/Contract/Completion certification of at least one work order not less than Rs.30.00 lakhs OR Two Work Orders of the Value not less than Rs.15.0 Lakhs each. OR three work orders of the value not less than Rs.10.00 lakhs each in the last three financial year.	
8	Copy of Audited balance sheet and profit & losst account statement for last three financial year ending 31.03.2017. Bidding should have average turn over of minimum Rs.30.00 lakhs per annum for last three financial years ending 31.03.2017 to 21.03.2019	
9	Duly Accepted & signed SCC & GCC i.e general terms & conditions document of OTPC.	
10	Filled up Vendor Registration Form of OTPC	
11	The bidder should give an undertaking along with the technical/qualification bid(as confirming that at no stage during the last 5(Five) years his contract was terminated on grounds of unsatisfactory performance or have been blacklisted.	
12	Check list for Bid submission of Price Bid	
	Price bid in sealed envelope containing duly filled FORM 1-B and FORM-K with Tender No. Clearly marked on the envelope alongwith contractor's Name , Address & Contract Number.	

Annexure-III

Special Terms & Conditions

Tender No. OTPC/PLT/C&M/OTR/2019-20/585

DT: 15.03.2020

The Contract shall be considered as having come into force from the date of Work Order/Letter of Award, unless otherwise provided in such WO/ Letter of Award.

Contract Period:

The contract shall be awarded for a period of 90 (Ninety) days from date of placement of Work Order/LOA.

A. Final Measurement of work shall be done jointly by (i) 2 Representatives from OTPC (ii) Contractor Representatives & (iii) Third Party Inspection Agency **(if required as per OTPC management)** finalised on mutual agreement.

B. Laying of each layer of Road shall be photographed before covering.

C. Any drawings to be issued to contractor by OTPC shall be listed in Tender and contract

D. Any material shall be used after acceptance of TCs by OTPC.

E. Any extra work shall be taken-up after amendment of contract.

F. Unit price and total price shall be fixed and firm contract duration.

G. Company in dispute with OTPC is not eligible to bid in this tender process.

H. Progressive joint measurement record shall be maintained.

I. The contractor should give a work method statement with planning schedule on advance basis before starting of the work.

J. All the machineries (heavy & small) & tools should be with valid test/fitness certificate.

K. Only Indian oil corporation Ltd.(IOCL) manufactured bitumen is approved for this work. Bitumen manufacturer test/quality certificate should be produce before bitumen works.

L. All types of work permit are subjected to clearance from the operation dept. viewing the plant's safety & security any changes may will be happen during the time of issue of the work permit

M. No work will be conducted without direct supervision of the contractor's engineer/supervisor.

Note- Please ensure 1 year Defects and liability period with this work.

Annexure - I

PRICE BID (FORM 1-B)

Work Schedule / BOQ for Construction of Hydra Movement Path Way for Cooling Tower-2 ,OTPC Palatana.

Sl No.	TSR 2017/ Item No:	Description of Item with Measurement	Unit	No	Measurement			Qty	Rate (Rs.)	Total Amount (Rs.)
					Length	Breadth	Height			
1	Based On TSR- 2020.2.12	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including disposal of excavated earth upto 50 m and lift upto 1.5 m, disposed soil to be leveled and neatly dressed: -All kinds of soil	Cum							
		For Ct-2		1	18.500	3.500	0.100	6.475		
				1	18.500	20.000	0.100	37.000		
				1	10.000	10.000	0.100	10.000		
		Total Qty						53.475	134.90	7213.78
2	2.16	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. -All kinds of soil								
		If required excess earth from out side	Cum					100.000	120.30	12030.00
3	R&B 4.18. 404	WBM Grading- 2	cum							
	1)	Providing, laying, spreading and compacting jhama brick aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller/ vibratory roller in stages to proper grade and camber, applying and brooming and binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density 'Grading-2' as per MoRT&H Technical Specification. Clause 404.								
		(A) By Manual Means	cum							
		For Ct-2		1	18.500	3.500	0.100	6.475		
				1	18.500	20.000	0.100	37.000		
				1	10.000	10.000	0.100	10.000		
		Total Qty						53.475	6939.13	371069.98
4	5.8	Centering shuttering including struttings, propping etc. and removal of form work for:	Sq.m.							
	5.8.1.1	Foundations, footings, bases for columns etc. for mass concrete with timber plank								
		For Ct-2		1	18.500		0.175	3.238		
				1	18.500		0.175	3.238		
				1	10.000		0.175	1.750		
				1	3.500		0.175	0.613		

PRICE BID (FORM 1-B)

Worsk Schedule / BOQ for Construction of Hydra Movement Path Way for Cooling Tower-2 ,OTPC Palatana.

Sl No.	TSR 2017/ Item No;	Description of Item with Measurement	Unit	No.	Measurement			Qty	Rate (Rs.)	Total Amount (Rs.)
					Length	Brcath	Height			
				1	20.000		0.175	3.500		
				1	10.000		0.175	1.750		
		Total Qty						14.088	268.90	3788.13
5	5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement- -All work upto plinth level:								
		1:2:4 (1 Coment: 2 fine sand : 4 graded stone aggregate 20 mm nominal size)								
		For Ct-2		1	18.500	3.500	0.150	9.713		
				1	18.500	20.000	0.150	55.500		
				1	10.000	10.000	0.150	15.000		
		Total Qty						80.213	10758.10	862939.48
6	5.19	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding-all complete upto plinth level.								
	5.19.4	Thermo-Mechanically Treated bars of grade Fe-500D or more								
		Note: Item 5.19 & 5.20 -Wastage and unauthorised overlaps shall not be paid for. Annealed steel wire required for binding or tack welding shall not be measured, its cost being included in the rate of reinforcement. Wherever tack welding is used in lieu of binding, such welds shall not be measured. Chairs, separators etc. shall be provided as directed by Engineer-in-Charge and measured seperately and paid for.								
		For Road portion for CT-2								
		Main ber through shorter direction, 10mm @ 150mmC/C	Kg	124	3.5	0.617284		267.9012		
		Main ber through Longer direction, 10mm @ 150mmC/C	Kg	24	18.5	0.617284		274.0741		
		Share reinforcement at top level, 8mm @150mm/c	Kg	124	1	0.395062		48.98765		
		Share reinforcement at top level, 8mm @150mm/c	Kg	8	18.5	0.395062		58.46914		
		Chair taking L/S 100 nos @ length of 0.800 mm.	Kg	80	0.8	0.617284		39.50617		
		At cooling tower basin portion (Both CT-1& CT-2)								
		Main ber through shorter direction, 10mm @ 150mmC/C	Kg	226	20	0.617284		2790.123		
		Main ber through Longer direction, 10mm @ 150mmC/C	Kg	136	18.5	0.617284		1553.086		

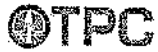
PRICE BID (FORM 1-B)

Work Schedule / BOQ for Construction of Hydra Movement Path Way for Cooling Tower-2 ,OTPC Palafana.

Sl No.	TSR 2017/ Item No:	Description of Item with Measurement	Unit	No	Measurement			Qty	Rate (Rs.)	Total Amount (Rs.)
					Length	Breath	Height			
		Share reinforcement at top level, 8mm @150mm/c	Kg	226	20	0.395062		1785.679		
		Share reinforcement at top level, 8mm @150mm/c	Kg	136	18.5	0.395062		993.9753		
		Chair taking L/S 100 nos @ length of 0.800 mm.	Kg	75	0.8	0.617284		37.03704		
		Main ber through shorter & longer direction, 10mm @ 150mmC/C	Kg	138	10	0.617284		851.8519		
		Share reinforcement at top level, 8mm @150mm/c	Kg	138	10	0.395062		545.1852		
		Chair taking L/S 100 nos @ length of 0.800 mm.	Kg	75	0.8	0.617284		37.03704		
								9282.91	78.20	725923.56
7	Market Rate	Providing and filling in position bitumen mix filler for expansion joints@ 3 miter C/C. Width 30cm & depth as per site condition								
		length wise	Miter	8	3.5			28		
			Miter	2	10			20		
			Miter					48	210.00	10080.00
Total Rs: (including all mention *** Note & HSN Code : 995454)										19,93,045
Less @%										
Grand Total Rs:										
Rupees										
.....only)										

***** Note :**

1	The basic rates of materials, incorporated in the analysis, pertain to materials conforming to BIS standard/CPWD Specifications/Materials of best quality available in the market. The effect of GST on works contracts [@12%] has been incorporated in all items.
2	Labour cess @ 1% has been incorporated in all items.
3	At the end of each item 15% of the cost of item is added towards overheads (5%) and contractor's profit (10%). This provision covers apart from contractor's profit the expenditure towards the salaries and other expenses of staff right from project manager, store keeper, site engineers to office attendant, the expenditure on construction of site office etc.



FORM-K

[ON THE LETTERHEAD OF THE BIDDER]

UNDERTAKING ON PRICE VALIDITY PERIOD

Proposal No.:

Date:

To
**ONGC Tripura Power Company Limited,
Palatana Project Site,
Udaipur, Gomti District,
Tripura – 799105
Ph: +91-381-2363714/2363716
Fax: +91-381-2363716**

Ref: Tender No. _____

Dear Sir,

We recognise that the Notice Inviting Bids (NIB) and Instructions to Bidder (ITB) is an offer made on the condition that the Bid would be kept open in its original form without variation or modification for a period of 180 (one hundred eighty) days from the date of opening of Unpriced Techno-Commercial Bid stated in the NIB and its extension, if any. We further confirm that the making of the Bid shall be regarded as an unconditional and absolute acceptance of this condition of the NIB and ITB by us. Accordingly, we hereby undertake that the Bid shall be kept open and be valid for the required period of 180 (one hundred eighty) days from the date of opening of Unpriced Techno-Commercial Bid as stated in the NIB or any extension thereof.

If we, the Bidder, fail to honour the above terms and conditions, ONGC Tripura Power Company Limited shall without prejudice to any other rights it may have, also have an unqualified, absolute and unfettered right to encash the Bid Security submitted along with our Bid and the amount for Bid Security shall stand forfeited.

Place: (Signature) _____

Date: (Printed Name) _____

(Designation) _____

(Company Seal) _____