

THE WEST BENGAL POWER DEVELOPMENT CORPORATION
(A Govt. of West Bengal Enterprise)
Bakreswar Thermal Power Project
P.O.Bk.T.P.P , Dist -Birbhum,Pin -731104

NIT No. WBPDC/Adv-Corp.(PR)/09-10/10/BkTPP

Date: 25-07-09

Ref.No.BKSR: PUR-I/09-10/5177/

Dated: 15.07.09

Sealed tender in two parts ,Part A (for technical specification bid) and Part B (for commercial price bid) in duplicate are invited by the General Manager, BkTPP from the reputed venders having proven prior experience for supplying of Indigenous make 10 E 10 Coal Mill Grinding Elements for 210 MW Capacity for the supply of following materials at BkTPP:

<u>Sl.No.</u>	<u>Material Code</u>	<u>Description of Material</u>	<u>Quantity</u>	<u>Estimated Cost</u>
1.	00C060087	Grinding Ball of 10E 10 Coal Mill Size 00-0770 to 774. (1Set = 10 Balls)	2 Sets.	Rs.5,120,000.00
2.	00C060090	Top Grinding Ring of Coal Mill	2 Nos.	Rs.3,400,000.00
3.	00C060091	Bottom Grinding Ring of Coal Mill	2 Nos.	Rs.2,800,000.00
4.	00C060092	Fill in Grinding Ball for 10E10 Coal Mill Size 00699 mm to 702mm.	2 Nos.	Rs. 376,040.00
5.	Earnest Money		: Rs.60,000.00	
6.	Cost of Tender Paper		: Rs.600.00	
7.	Sale of Tender		: 03.08.2009 to 07.08.2009	
8.	Last Date of Submission of Sealed Tender		: 18.08.2009 upto 02.30 PM.	
9.	Opening of Tender			
	i) Part – A (for technical bid)		: 18.08.2009 at 03.00 PM.	
	ii) Part – B (for price bid)		: Opening date will be intimated to the successful i.e technically accepted bidders later on.	
10.	Delivery Period		: Four months from the date of the order.	
11.	Remark		: Total cumulative lowest price should be considered as L1 bidder.	

Detailed specification and terms & conditions are set forth in the Tender Paper (Non - Transferable) which can be obtained from the Sr. Manager(S&P), BkTPP on application and on production of Sales Tax / VAT registration number, PT Clearance certificates and credential of successful completion of similar nature of supply along with the cost of Tender Paper to be deposited in the Account Suction, BkTPP from 10.30 AM to 01.30 PM. Tender Paper will not be issued against DD / MO / Cheque and by post. The WBPDC reverses the right to accept or to reject any or all tender either in full or in part or to split up, if necessary without assigning any reasons whatsoever. For qualifying requirements and other details visit website www.wbpdcl.co.in

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SUB : Tender for supply & delivery of 10E10 Coal Mill Grinding Elements for Bakreswar Thermal Power Project.

- (a) Grinding Ball Of 10E10 Coal Mill Size 00-0770 To 774 (1Set=10Balls), Indigenus. Material : 3.5% Chrome Alloy steel, Mechanical Properties :Hardness : 425+/-25 BHN.
Chemical Composition :
0.69-0.72 %C , 0.44-0.47 %Si ,0.68-0.71%Mn ,0.03-0.036 %S
0.025-0.027 %P ,3.25-3.5 %Cr, 0.29-0.33 %Ni ,1.35-1.60%Mo
Rest:- Fe. , Weight:-1.45-1.50 MT/Ball , Ball OD :770-774mm, Thickness:-125mm.Materials are to be properly heat treated to achieve said guaranteed life (details in tender document).
- (b) Top Grinding Ring Of Coal Mill,Indigenus. Material :High Chrome white cast iron, Mechanical Properties: Hardness : 600-650 BHN.
Chemical Composition :
2.0-2.8 %C , 0.0.69-1.0 %Si , 0.80-1.5 %Mn , 0.033-0.06 %S
0.033-0.06 %P ,18.0-22.0 %Cr, 0.35-1.0 %Ni , 0.5-2.0%Mo
Rest:-Fe. Weight:-7.0-7.3 MT/Ring , Initial Depth of Ring- 105 mm.
Materials are to be properly heat treated to achieve said guaranteed life (details in tender document).
- (c) Bottom Grinding Ring Of Coal Mill,Indigenus. Material :High Chrome white cast iron, Outer Band (dimension 25 mm thick x100 mm width) is required to be shrink fitted with Bottom Grinding Ring for fixing of Rotary Throat.
Mechanical Properties: Hardness : 600-650 BHN.
Chemical Composition :
2.0-2.8 %C , 0.0.69-1.0 %Si ,0.80-1.5 %Mn ,0.033-0.06 %S
0.033-0.06 %P ,18.0-22.0 %Cr, 0.35-1.0 %Ni ,0.5-2.0%Mo
Rest:- Fe. . Weight:-4.5-5.0 MT/Ring ,Initial Depth of Ring- 100 mm.
Materials are to be properly heat treated to achieve said guaranteed life (details in tender document).
- (d) Fill In Grinding Ball For 10E 10 Coal Mill Size 00699mm To 702mm,Indigenus. Material : 3.5% Chrome Alloy steel , Mechanical Properties: Hardness : 425+/-25 BHN.
Chemical Composition :
0.69-0.72 %C , 0.44-0.47 %Si ,0.68-0.71%Mn ,0.03-0.036 %S
0.025-0.027 %P ,3.25-3.5 %Cr, 0.29-0.33 %Ni ,1.35-1.60%Mo
Rest:-Fe. , Weight:- 0.90-1.0 MT/Ball
Ball OD :699-702mm, ID:- 520mm. Materials are to be properly heat treated to achieve said guaranteed life (details in tender document).