



ODISHA POWER GENERATION CORPORATION LIMITED

IB THERMAL POWER STATION

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CORRIGENDUM NOTICE-III to ITPS (Purchase)/2020-21/28(P) Dt : 10/03/2021

PURCHASE TENDER:

Technical Specification as per the NIT has been modified as per the below details.

NB: All other stipulations/conditions of above NIT No. 28(P) shall remain unaltered.

<u>SI No</u>	<u>Item Name</u>	<u>Description</u>	<u>Qty</u>
<u>1</u>	C.B.L ID356 X OD 436 X 1000Lg: Cast basalt lining MS PIPE	<p>The required pipe length is off different length and total sum length of pipe is approximate 80 Mts as indented in raised purchase requisition. Each pipe having one end flange joint and other end of coupling joint with suitable sleeve coupling with follower. Pipe coupling to be provided with each pipe.</p> <p><u>Dimensions of pipe are as follows</u></p> <p><u>Pipe</u> Size: ID-356 mm OD- 436 mm.</p> <p><u>Flange</u> Thickness: 20 mm. Flange OD- 590 mm Flange PCD 530 mm NO of holes: 16 Hole diameter: 30 mm</p> <p><u>Sleeve coupling</u> ID- 440 mm Coupling thickness- 9.5 mm Coupling length- 150mm</p> <p><u>Follower</u> ID- 440 mm Follower OD- 555 mm PCD- 502 mm Nos. of hole- 8 Hole dia. 18- mm Flange/follower thickness- 10 mm</p> <p><u>Specification of Cast basalt</u> Thickness: 20 mm Density: 2.8 to 3.1 gm/cm³ (Min) Hardness : 8 on Moh's scale (Min) Water absorption: Max 0.5 % Compressive strength : 4500 kg/cm²</p>	<u>80 Mtr</u>
<u>2</u>	ID356 X OD 436 X 1070R X 90Deg: MS bend-lined cast basalt	<p>Dimensions of pipe are as follows Pipe Size: ID-356 mm OD- 436 mm.</p> <p>Bend as per the standard with 1070 mm radius. Both end of bend will be suitable for sleeve coupling joint.</p>	<u>10 Nos</u>

Specification of Cast basalt

Thickness: 20 mm

Density: 2.8 to 3.1 gm/cm³ (Min)

Hardness: 8 on Moh's scale (Min)

Water absorption: Max 0.5 %

Compressive strength: 4500 kg/cm²**DIMENSIONAL BIFURCATION OF PIPES TO BE SUPPLIED ARE AS PER BELOW TABLE**

Required pipe lengths (UOM in MM)	Nos of pipe (UOM in NO)	Total pipe length
5020	7	35140
3740	3	11220
1200	3	3600
2730	3	8190
1050	3	3150
3750	3	11250
Total	22	72550