

**Item details:**

Sl. No.	Material	Description	IS specifications	Qty., in Mtrs.
01	3426002012	150 mm dia Heavy Duty Steel Pipes 150MM NB X 168.3MM OD	IS : 3589:2001 GRADE FE410	5,000

**1. Technical specifications:**

Sl. No.	SPECIFICATIONS:	
1	150 mm dia Heavy Duty Steel Pipes (Material Code No. 3426002012)	
	<b>PARAMETER</b>	<b>SPECIFICATIONS</b>
	Description	ISI marked Steel pipes for water confirming to IS: 3589:2001 GRADE FE410 with latest amendment if any.
	SIZE	168.3 OD
	Designation/GRADE OF MATERIALS	ERW – Fe 410/ GRADE 3
	Tensile strength	FOR GRADE- FE410 –  THE TENSILE STRENGTH SHOULD BE MINIMUM 410 MPA
	% of elongation	MINIMUM 18%
	Length of the pipe	6 mtrs. + or -10 mm
	Wall thickness	8 mm + or – 10% WALL THICKNESS SHOULD BE 8.00 MM TO WITHSTAND PRESSURE UPTO 85 BARS.
	Weight of the pipe	<b>31.6 Kgs /mtr.</b>
	With stand up to hydraulic test pressure	85 bar
	Flanges	Each pipe should be supplied with flanges welded on both ends
	Dimension of flanges	Outer dia meter : 300 mm Pitch circle diameter : 250 mm  Thickness : 22  No. of holes: 8 Nos.  Hole size: 22 mm
	Mechanical properties	1. Tensile strength :- 410 Mpa Min. 2. Yield stress :- 235 Mpa min. 3. Elongation :- 18%
	Test certificates	Flattening test (Ductility test) Hydraulic pressure test

Coating	Any type of protective type coating
Marking & Identification	<p>Each pipe shall be legibly marked with the following details</p> <ol style="list-style-type: none"> <li>1. Manufacturer name or trade mark.</li> <li>2. OD and specified wall thickness.</li> <li>3. Pipe designation</li> <li>4. ISI certification mark</li> <li>5. Each Pipe should be embossed as "SCCL" at an interval of one meter.</li> </ol>
Chemical composition	<p>a. Carbon : "<u>MAX</u>" 0.20 with variation of 0.02%</p> <p>b. Mn : "<u>MAX</u>" 1.30 with variation of 0.04%</p> <p>c. P : "<u>MAX</u>" 0.040 with variation of 0.005%</p> <p>d. S : "<u>MAX</u>" 0.040 with variation of 0.005%</p>
Make and brand	To be furnished by tenderer.

**GM (E&M) UGM**

## Provenness/Eligibility Criteria

Previous	Modified
<p><b>20. ELIGIBILITY CRITERIA FOR COMMERCIAL ORDER:</b></p> <p><b>ELIGIBILITY CRITERIA:</b> Manufacturers or their authorized dealers are eligible to submit their bids. Where bids are submitted by authorized dealers, it is essential that specific authorization from the manufacturer against each tender indicating Tender Reference Number has to be enclosed, failing which the offer is liable for summary rejection.</p> <p><b>PROVENNESS CRITERIA:</b> The equipment / item to be offered by the bidders' shall be considered proven provided the equipment / item offered or similar equipment / <b>item of higher specification</b> must have been supplied in the past to the Mining Industry and / or to the other industries (Private or Government/ Public Sector Undertaking) and performed satisfactorily for a period of not less than one year from the date of commissioning. <b>If the equipment / Item offered is supplied and has been commissioned at SCCL, at least one year prior to the date of publishing of this enquiry, its performance will be considered for evaluation.</b> However, bidders are invariably required to upload the previous order copies of SCCL, if any. The bidders should essentially submit authenticated copies (ink signed and stamped by the original manufacturer) of supply orders received by them for the same /similar equipment / item offered with details. Bidders are required to submit Satisfactory Performance reports for the supplies made against the order copies submitted. In case of supply to Govt. Sector/Public Sector, satisfactory performance report issued by authorized representative of the Company, duly signed and stamped, confirming that the quoted item or similar item of higher specification have performed satisfactorily for a minimum period of 1 year from the date of commissioning of the item shall be considered valid. If the bidder submits two consecutive orders from the same Govt. firm/Public Sector firm/same subsidiary with a gap of 12 months, performance reports will not be insisted. In case of Private Sector, detailed Satisfactory Performance Report issued by Chief Executive Officer / Director (Head of Operations) / Head of the Project or Mining Unit shall be considered valid. In such cases, the name and designation of the signing authority should be clearly indicated in the Performance report and the reports should be authenticated and stamped by the bidder. <b>FAILURE TO SUBMIT THE ABOVE DOCUMENTS MAY RENDER A TENDER UNACCEPTABLE.</b> In case, if at any point of time during procurement process or subsequently, it is detected that the above information given by the bidder regarding performance of</p>	<p><b>20. ELIGIBILITY CRITERIA FOR COMMERCIAL ORDER:</b></p> <p><b>ELIGIBILITY CRITERIA:</b> Manufacturers or their authorized dealers are eligible to submit their bids of enquired item (150mm pipe of Fe 410 grade) confirming IS 3589 (or) similar pipes of Fe 330 confirming IS 3589. It is essential that specific authorization from the manufacturer against each tender indicating Tender Reference Number has to be enclosed, failing which the offer is liable for summary rejection.</p> <p><b>PROVENNESS CRITERIA:</b> The item to be offered by the bidders' shall be considered proven provided the offered pipes or similar pipes (150mm pipe of Fe 410 grade/Fe 330) confirming IS 3589 must have been supplied in the past to the Mining Industry and / or to the other industries (Government/ Public Sector Undertaking) and performed satisfactorily for a period of not less than one year from the date of commissioning.</p> <p>As the offered item is specific in nature, the firms can also submit order copies of Steel pipes 150mm to 200 mm for water confirming to IS: 3589:2001 with grade of Fe330 or Fe410 for the present proposal.</p> <p><b><u>However, bidders are invariably required to upload the previous order copies of SCCL for same or similar items if any.</u></b> The bidders should essentially submit authenticated copies (ink signed and stamped by the original manufacturer) of supply orders received by them for the same /similar item.</p> <p>In case, if at any point of time during procurement process or subsequently, it is detected that the above information given by the bidder is false, SCCL reserves the full right to take action as deemed fit including rejection of the offer and / or debarring the bidder in SCCL for all future tenders. <i>In case offered pipes or similar pipes (150mm pipe of Fe 410 grade/Fe 330) confirming IS 3589 supplied by the tenderer or their authorized dealers to SCCL and if such item has completed required period of performance as stipulated above, for the purpose of ascertaining the provenness, the performance established in SCCL, as per internal performance reports obtained from user Areas/departments, will be preferred. However, other performance reports submitted by the tenderer will be considered and the <b>decision of SCCL will be final.</b></i></p> <p><b>After placement of Purchase order all routine certificates shall be submitted along with supplies.</b></p>

the item supplied by them is false, SCCL reserves the full right to take action as deemed fit including rejection of the offer and / or debarring the bidder in SCCL for all future tenders.

*In case the offered equipment / item or similar equipment / item of higher specification have been supplied by the tenderer or their authorized dealers to SCCL and if such equipment / item has completed required period of performance as stipulated above, for the purpose of ascertaining the proven-ness, the performance established in SCCL, as per internal performance reports obtained from user Areas/departments, will be preferred. However, other performance reports submitted by the tenderer will be considered and the **decision of SCCL will be final.***

**SCCL team shall witness the hydraulic test (at pressure of 85 bars) of Heavy duty pipe by randomly picking from stock at firm's site.**

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