

**TENDER DOCUMENT**  
**FOR**  
**CIVIL WORK**  
**FOR**  
**INDIAN JUTE INDUSTRIES' RESEARCH ASSOCIATION (IJIRA)**

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**1. Introduction:-**

IJIRA is a premium research organization linked to Ministry of Textiles, Govt. of India, engaged in R&D activities with the objective of rendering scientific and technical assistance to the jute industries. IJIRA invites tenders for construction of:-

- (A) M.S. Structure for overhead tanks with a capacity of 30,000 lt. at a height of approx. 60ft. to 65ft.
- (B) Corrugated shade for existing roof, approx. 7500 sq. ft.

2. **BOQ :-**

**(A) M.S. Structure for overhead tanks at a height of approx. 60ft.**

	EARTHWORK :	Quantity	UOM	Rate	Amount
1.	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
	All kinds of soil				
	Total for earth work	5.76	CUM		
	CONCRETE WORK :				
2.	Providing and laying in position cement concrete of specified grade including the cost of centring and shuttering - All work in foundation 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	1.152	CUM		
	RCC:				
3.	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing.	17.64	SQM		
4.	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) in foundation.	1.68	CUM		

5.	Storing, straightening, cutting, fabricating and placing of Reinforcement steel Fe 500, in position as per design and details for RCC (precast/insitu) elements including cost of the 22 gauge black annealed binding wire with double fold for tying the reinforcement for all sizes of bars at each junction including placing spacers, chairs & including providing & placing approved PVC cover blocks for main reinforcement to keep specified RCC cover in elements at all heights & levels as per the instruction. Contractor will have bar cutting machine at site. Storage should be in a proper block/brick prepared steel yard with polythene covered.	209.29	KG		
FABRICATION:					
6.	M.S structural work in columns, beams, etc. with simple rolled structural members(e.g joist, angle, channel sections connected to one another with bracket, gusset as per design complete including cutting to requisite shape and length, fabrication with necessary bolting, metal and welding using electrodes of approved make and brand, haulage, hoisting and erection all complete. the rate includes the cost of steel section, consumables such as electrodes, gas and the charges of all tools, plant and labour required. Measurement are as follows: Joist : 400 mm x 140 mm x 8.9 mm Channels: 400 mm x 100 mm x 8.8 mm Angle : 75 mm x 75 mm x 10 mm Sheet : 200mm x 100 mm 5.7mm	40.841	MT		
7.	Providing MS Insert plate and placing the same in position during construction (embedded in concrete ) and painted with two coats primer	427	KG		
8.	Fabrication, transportation, delivery at site and erection, installation and alignment of MS foundation bolts (Grade-1 of IS:432 & IS:2062) assembly in concrete along with nuts locknuts (IS:1363, IS:1364 & IS:3138, washers, anchor plates, threading, closer plates, stiffener plates, protective tapes, etc. up to and inclusive of 75 mm diameter	5	KG		

	and up to 2000 mm long for columns including pipe sleeves, templates wherever necessary etc. all complete as per specifications.				
9.	Grouting/ Backfilling below base plate with non-shrink grout of approved make ( FOSROC / ACC-30 or equivalent) as per the specification of the manufacturer using suitable grout pump at all heights.	0.12	CUM		
	SUB TOTAL				
	SERVICE TAX AS APPLICABLE				
	TOTAL				

**(B) Corrugated shade for existing roof, approx. 7500 sq. ft.**

	<b>FABRICATION :</b>	Quantity	UOM	Rate	Amount
1.	M.S structural work in columns, beams, etc. with simple rolled structural members(e.g joist, angle, channel sections connected to one another with bracket, gusset as per design complete including cutting to requisite shape and length, fabrication with necessary bolting, metal and welding using electrodes of approved make and brand, haulage, hoisting and erection all complete. the rate includes the cost of steel section, consumables such as electrodes, gas and the charges of all tools, plant and labour required. Measurement are as follows: Joist : 200 mm x 100 mm x 5.6 mm Channels: 150 mm x 75 mm x 5.7 mm Angle : 75 mm x 75 mm x 6 mm	5.54	MT		
	<b>CORRUGATE GI SHEET ROOF &amp; SIDE SHEETING:</b>				

2.	G.I. corrugated sheet to match with GCI Corrugation as per IS: 12866 - 1989 in roof fitted and fixed with 10 mm dia "J" or "L" hook, bolts and nuts, limpet and bitumen washers and putty with 150mm end lap and one corrugation minimum side lap complete. 1.6mm +/- 0.2 mm thick sheet.(2.6Kg/Sq.m)	1066	SQM		
<b>CONCRETE WORK :</b>					
3.	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work in foundation 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	0.378	CUM		
SUB TOTAL					
SERVICE TAX AS APPLICABLE					
TOTAL					

### 3. **Details of tender and tender notice:-**

Tender in sealed cover is invited by Director, IJIRA from reputed vendors. The tender documents can be downloaded from the website of IJIRA i.e. [www.ijira.org](http://www.ijira.org). The tender documents are also available from 10 June 2016 to 15 June 2016 up to 11 A.M. at IJIRA on payment of Rs. 300/- in cash/DD. Last date of submission of duly filled up sealed tender at IJIRA is 15 June 2016 by 01 P.M. The tender will be opened at 02 P.M. on 15 June 2016.

#### **Address for communication:-**

To  
Director,  
Indian Jute Industries Research Association,  
17, Taratala Road, Kolkata – 700 088.

### 4. **General Terms & Conditions:-**

a) All pages of the tender documents shall be signed with proper seal by the authorized signatory of the concerned vendor. The full name of the person

authorized to file the tender along with office address, phone number and e-mail address shall be indicated in the tenders.

- b) IJIRA will not be responsible for any typographical error/ additions/ omissions committed by the bidder while filling up the tender form.
- c) Tender must be accompanied by EMD (2% of total value) in form of Account Payee Demand Draft/Bank Guarantee/Pay Order. EMD shall be valid for a period of 90 days. EMD of the unsuccessful bidders will be returned to them at the earliest. **Tender received without EMD will not be considered.**
- d) Check list of the documents to be submitted by the vendors.
- e) Validity of the tender: Rates quoted by the vendors shall be valid up to 90 days from the date of submission.
- f) Warranty: Minimum 5(five) years of warranty with material and labour charges and next five years of warranty with labour charges only to be provided.
- g) Vendors must submit their credentials (recent past work record and clientele) along with the tender documents.
- h) Tenders which are found to be technically non-responsive shall be rejected and their commercial details shall not be considered.
- i) The technical and commercial details are to be submitted in separate envelopes.
- j) Vendors need to have the capacity for engineering drawing of the structure.
- k) Obtaining approval of the design from respective authority is the responsibility of the vender.
- l) The work is expected to be completed before monsoon.
- m) IJIRA reserves right to cancel any tender without assigning any reason.

## **5. Technical Bid Details :-**

1.	Name of Tendering Company / Firm	
2.	Name of Owner / Partners / Directors	

3.	Full Particulars of Office	
	A) Address	
	B) Telephone No.	
	C) Fax No.	
	D) Email Address	
4.	Registration details:-	
	A) PAN / GIR No.	
	B) Service Tax Registration No.	
	C) ESI Registration No	
	D) EPF Registration No	
5.	Details of Earnest Money Deposit:-	
	A) Amount (Rs.)	
	B) D.D. / P.O. No. & Date	
	C) Drawn on Bank	
	D) Valid up to	

**6. Financial Bid Details :-**

Offers to be submitted with cost / activity per sqm. basis with material details as mentioned in serial no. 4.

**7. Checklist Of The Documents To Be Submitted With The Tender:-**

S. No.	Items	Confirm
1.	EMD	
2.	Tender form with complete technical bid and Financial bid, with all pages serially numbered, signed and stamped on each page.	

3.	Technical Bid.	
4.	Financial Bid.	
5.	Attested Photo Copy of PAN Card.	
6.	EPF Registration certificate copy.	
7.	Service Tax registration certificate.	
8.	Declaration.	

Signature of Authorized Person

Date :

Full Name :

Place :

Company's Seal :

8. **DECLARATION.**

1. ....Son/Daughter of Shri  
..... Proprietor/Partner/Director/Authorized Signatory  
of .....am competent to sign this declaration of execute this  
tender documents.
2. I have carefully read and understood all the terms and conditions of the tender  
and hereby convey my acceptance of the same.
- 3.
4. The information/documents furnished along with the above application are true  
and authentic to the best of my knowledge of belief. I/we am/are well aware of  
the fact that furnishing of any false information/fabricated document would lead to  
rejection of my tender at any state besides liabilities towards prosecution under  
appropriate law.
5. I have appraised myself fully about the job to be done during the period of  
agreement and also acknowledge bearing consequences of non performance or  
deficiencies in the services on my part.



