Maharshi Dayanand Saraswati University, Ajmer E-Tender Form for



SITC of Monument 30.5 meter High mast National Flag at MDSU, Ajmer

NIT No. F.2()/MDSU/GAT	3/2017/	17270-75 Dated : 30/07/17
Tender Inviting Authority (TIA):	Registrar, Maharshi Dayanand Saraswati University, Ajmer Rajasthan Tel. No: 0145-2787057 e-mail: registrarmdsu@gmail.com
Project officer In charge	4	Registrar, Maharshi Dayanand Saraswati University, Ajmer Rajasthan Tel. No: 0145-2787057 e-mail: registrarmdsu@gmail.com
Bidder information		Name of the Firm
		Address:
		Contact Person:
		(Authorized Bid Signatory)
		Tel. No:
		Fax No:
		Mobile No.
		E-mail address:
		website:
		Pan No:
		Tender fee: 1,000 DD No:Date:
Mode of bid submission		Ernest money: DD/Bank draft No,

MIT. No F2()/MDSU/ AB 2017/



S.No.	Events Important Dates			
1.	The state of the s	Date	Time	
111	Date of Issue of Notice Inviting Tender (NIT)	31-07-2017	16:00 hrs	
2.	Document Sale Start Date	02-08-2017	10:00 hrs	
3	Document Sale End Date	17-08-2017	14:00 hrs	
+.	Seek Clarification Start Date	04-08-2017	11:00 hrs	
5.	Seek Clarification End Date	08-08-2017	13:00 hrs	
6-	Pre Bid Meeting Date	09-08-2017	13:00 hrs	
7.	Pre Bid Meeting Place: Registrar Office, Chankaya Bhawan, M Ajmer		, Kayad Roa	
8.	Bid Submission End Date	17-08-2017	16:00 hrs	
).	Last Date & Time of Submission of Hard Copy of Tender document at MDSU, Ajmer	18-08-2017	12:00 hrs	
10.	Technical Bid Opening Date	18-08-2017	15:00 hrs	
1.	Date & Time of Opening of Financial Bid		will be intimated to all the technically qualified bidde only	

Important Information			
S.No.	Detail	Amount	
IĘ.	Tender Document Cost	Rs.: 1000/-	
2,	Estimated Tender Value (for one year)	Rs: 9,90 lacs	
3.	Earnest Money (2% of Estimated Tender Value)	Rs.: 19,800/-	
4,	Security Deposit Amount (5% of Estimated Tender Value)	Rs.: 49,500/-	
5.	RISL Processing Fee (Non Refundable)	Rs.: 1000/-	

Schedule - 'A' Information Useful for the Contractor:

The above noted work is included in this tender. The tenderer should see the site and fully understand the condition of the site before tendering and include all lead lift etc. The percentage to be quoted on the rates as given tin schedule 'H'. The work shall be carried out in accordance with the Rajasthan P.W.D. detail Specification and to the entire satisfaction of the Engineer In-Charge of the work,

Schedule - 'B' List of the drawing to be supplied by department. The drawing may be seen in the office of the undersigned.



Schedule - 'C' List of the drawing to be supplied by department

List to be supplied by the contractor Nil, But the contractor shall have to arrange at is own cost the full size details, etc. As may be required the Engineer In-Charge from time to time.

Schedule - 'D' Test the Material

The test of the material and workmanship the result of which should confirm to be standard laid down in the detailed specification of the department. Proper quality control is required to be maintained by the Contractor. Qualified person as required under the Contractors enlistment rules duly approved by the department shall have to be engaged by the Contractor. The department reserves the right to engage such staff and recover the expanse from the contractor on such account in case of failure. For avoidance of any doubt, contractor is advised to refer special conditions of the contractor attached herewith.

Schedule - 'E' Sample of the Material

The sample of the material to be used by the contractor shall be deposited 15 Days in advance which the Engineer In-charge and be got approved by of him before use.

Schedule - 'F' Time for Completion As per work order.

Schedule - 'H' Attached Separately

Note: The rate quoted by contractor on prescribed Performs shall only be entertained. Any other papers/letters will not be entertained & quote rate in BOQ online only. Manual bid will not be acceptable.

Letter of Invitation and bidding process



Two-stage selection procedure shall be adopted that will proceed as follows:

- The first stage proposal will consist of Technical Bid & second stage will be the Commercial Bid. Commercial Bids of only technically qualified Bidders based on evaluation of the Technical Bid shall be opened. A decision as to whether or not a Bidder will be technically qualified will be based on the Bidder's experience and reputation and scrutiny of documents submitted by the bidder in support thereof.
- Earnest Money Deposit will be as described later in this document,
- Each Bidder shall submit only one bid and bid must be delivered according to schedule.

Instructions to Bidder

- Instruction to Bidders for online tendering (e-tendering)
 - The bidders who are interested in bidding can download bid documents from https://eproc.rajasthan.gov.in.
 - Bidders who wish to participate in this e-bid will have to register on http://eproc.rajasthan.gov.in (bidders registered on eproc.rajasthan.gov.in before 30-09-2011 needs to register again). To participate in online tenders, Bidders will have to procure Digital Signature Certificate (type II or type III) as per Information Technology Act-2000 using which, they can sign their electronic bids. Bidders can procure the same from any CCA approved i certifying agency, i.e. TCS, safecrypt, Ncode etc. or they may contact e-Procurement Cell, Department of IT & C, Government of Rajasthan for further assistance. Bidders who already have a valid Digital Certificate need not procure a new Digital Certificate.

 Contact No. 0141-4022688(help desk 10 am to 6 pm on all working days.) e-mail: eproc@rajasthan.gov.in
 Address: e-Procurement Cell, RISL, Yojana Bhawan, Tilak Marg, C-Scheme, Jaipur
 - Bidder shall submit their offer on-line in Electronic formats both for technical and financial proposal, however D.D.for Tender Fees, Processing Fees and bid earnest money should be submitted manually in the office of Tendering Authority before closing date & time of technical bids submission and scanned copy of D.D. should also be uploaded along with the online bid.
 - iv-Before electronically submitting the bid, it should be ensured that all the bid papers including conditions of contract are digitally signed by the bidder.

2. Cost of Bidding

The Bidder shall bear all the cost incurred for preparing the proposal including expenses of travel and lodging that may be required including collecting information from the department and other communication required with the department regardless of the outcome of the bidding process.

3. The bidding comprises of two bid system i.e. Technical Bid and Financial Bid.



4. Packaging the Bid

The offer should be enclosed in a duly sealed envelope super scribed with bid reference number, work name, due date and bidder name. The envelope should contain two separate envelopes, the details of them are written below.

- (i) Envelope-I Technical Bid, Tender Document Fees, Earnest money and RISL Processing Fees. (Demand Draft of RISL processing fee should be in favour of "Managing Director, RISL" payable at Jaipur)
- (ii) Envelope-II Financial Bid.

Number of copies of the bid

The Bidder is required to submit one copy of the Technical Bid through eproc.rajasthan.gov.in by uploading all required and relevant documents. In addition to this all these document should also be submitted in hard copy physically in sealed envelope, clearly marking envelope as "Technical Bid". In the event of any discrepancy between the hard copies and/or the softcopies uploaded, the information submitted in hard copy shall prevail.

6. Authentication of Bid

The original and all copies of the Bid Document shall be computer laser printouts and shall be signed by a person or persons duly authorized to bind the Bidder to the Contract. A duly stamped Power-of-Attorney accompanying the Bid Document shall support the letter of authorization. The person or persons signing the Bid Document shall initial all pages of the Bid Document.

7. Last date and time for receiving sealed offers

The sealed offers should reach by the speed post to the address mentioned in the "Important dates and Information".

8. Pre-bid Meeting (PBM)

MDSU. Ajmer shall make best efforts to respond to any request for clarification for the Bid Document to the prospective Bidders. Such requests are to be made in writing and are to be received by the office of Deputy Registrar (GAD) MDSU, Ajmer at least 5 working days before the Pre-Bid Meeting as per the date and time mentioned in the important dates and Information. The clarification shall be made in writing to the extent possible. The format for request for clarification is given below.

Jia .

	Rid Reference No.	
Section Reference Description from RFP	Number (SRN) and	Clarification Sought
SRN	Description	
2	3	4
	Description from RFP	Description from RFP

Queries not adhering to the format above or queries not received within the mentioned deadline shall not be taken up at the Pre Bid Meeting, MDSU, Ajmer shall not be responsible for any delay in receiving the clarification document including but not limited to any delays like postal delays.

9. Amendment of BID DOCUMENT

- (i) Amendment of Bidding Document— Any amendment issued shall be part of the Bidding Document and shall be communicated in writing to all Bidders who have obtained the Bidding Document directly from the Procuring Entity. It shall also be uploaded on the State Public Procurement Portal and the Procuring Entity's web site for prospective Bidders to download.
- (ii) To give prospective Bidders reasonable time in which to take an amendment into account in preparing their Bids, the Procuring Entity may, at its discretion, extend the deadline for the submission of the Bids, under due intimation to the Bidders who have procured the Bidding Document from the Procuring Entity and also by uploading it on the State Public Procurement Portal and its official website.
- 10. Prices must not be indicated in the Technical Bid and must be quoted in the Financial Bid only.

11. Financial Bid

Financial Bid should only indicate price without any condition or qualification whatsoever, including all taxes applicable viz. GST Octroi etc. and FoR University office. Financial Bid should contain the bill of quantity - BoQ (Exactly in the excel format given on the eproc portal) and should be submitted online and a hard copy as described above. The financial offers should be complete in all respects and it should not contradict with the Technical Offer in any manner.

12. Bidders should express the price of their services in Indian currency only.

13. Validity of Bids

Bids shall remain valid for 3 months after the date of technical bid opening. A Bid valid for a shorter period shall be rejected as non-responsive.

14. The provisions of RTPP Act 2012 and Rules thereto shall be applicable for this procurement. Furthermore, in ease of any inconsistency in any of the provisions of this bidding document with RTPP Act 2012 and Rules thereto, the later (RTPP act) shall prevail.

Technical Bid



SITC of Monument 30.5 meter High Mast National Flag at University of MDSU, Ajmer.

Name of tendering Authority	Registrar, MDSU, Ajmer
Name of Bidder:	
Name of contact Person:	
Address:	
Tender fee amounting to Rs. 1000 has bee	n deposited vide DD noDate

The following documents shall be Submitted

- Earnest money amounting to Rs. 19800 has been deposited by DD/Banker cheque which is enclosed.
- A brief description of the authorized dept supported by a certified copy of registration of the firm/person.
- The tenderer must have executed Two no's of similar nature of work as a complete job in previous two financial year and documents must be attached otherwise tender will be rejected.
- 4. Average turnover 30 Lacs per year for last Two financial years is F,Y. 2014-15, 2015-16.
- 5. The bidder must not be black listed by pay Govt./semi Govt. offices.
- The bidder has to provide a cony of GST registration NO. & pan no ———— & previous sales Tax/ serves Tax clearance certification No. shall be submitted.

MAHARSHI DAYANAND SARASWATI UNIVERSITY, AJMER



Name of work: SITC of Monumental 30.5 meter High Mast National Flag at MDSU, Ajmer

TECHNICAL SPECIFICATION

1. SCOPE OF WORK

The scope of this specification covers the manufacture, transport, installation, testing and commissioning of the complete Flag system, using Raising and Lowering type of Flag mast Towers, including the Civil Foundation Works will only provide the Feeder Cable of repaired size up to the base compartment of the high mast.

Details of Scope

SITC of 30.5 Mtr Flag Mast, AOL, 5 Mtr. Octagonal pole with Luminaries & national flag size of 20'x30'.

Civil foundation for 30.5 Mtr. Flag Mast and other civil structure as per standard engineering proactive/site requirement to be carried out for installation of Flag Mast.

2. WINDTUNNELTEST

The contractor has to conduct wind tunnel test on a specimen to establish the force coefficients of the 20 side polygon and the value received from the wind runnel test is to be taken in design. Further type test is to be done on a full size mast at SERC or other reputed institutions to validate the structural program. The winches are to be type tested through reputed institutions/laboratories.

3. APPLICATION STANDARDS: CODE NO.

- 1. TR. No. -7- High Masts for Lighting and CCTV (2000 edition) of ILE, U.K.
- 2. SABS 0225: 1991 High Mast natural frequency calculation.
- 3. IS 875 Part-3 Wind Loading.
- 4. BS EN 10025: 1993 High Tensile Steel Sheets
- 5. IS 875 Part-3 Wind Loading.
- 6. BE EN ISO 1461 Galvanization
- IS 3459/2266 Stainless steel Wire rope.
- 8. IS 325 Motor.

4. FLAGMAST

4.1 Structure:

The Flag mast shall be of continuously tapered, polygonal cross section 20 sided, presenting a good and pleasing appearance and shall be based on proven Intension design conforming to the standards referred to above to give an assured performance and reliable service.

4.2 CONSTRUCTION:

The mast shaft shall be manufactured from high tensile steel plates confirming to BS EN 10025 having minimum yield strength of 355N/sq. Each mast shaft section shall have only one longitudinal weld and without any circumferential weld joint, sections with more than one longitudinal weld shall not be accepted. The mast base flange shall be free from any lamination or incursion and provided with supplementary gussets between the bolt-hoice to ensure elimination of helical stress concentration.

The minimum A/F dimension of top shall be 150 mm and bottom as per the design and data sheet enclosed. The minimum section length except for the top section shall be 10.98 m, and top shall depend on the length required to make the specified height. The masts sections shall be joined at site by slip stress fit method and minimum overlap distance shall be 1.5 times the diameter at penetration.



A door reinforced with welded steel section vandal resistant, weather proof with Allen blots and pad locking facility to dimension 1250 mm x 250 mm shall be provided at a height 2 times the width of door from the base of mast to provide clear access to base compartment equipments winch, motor,

For the environmental protection of the mast, the entire fabricated mast shall be hot dip galvanized internally and externally in single dip having a uniform average thickness of 85 microns for plates more than 5 mm and 70 microns for 5 mm or less thickness.

4.3 Dynamic Loading for the Mast:

The Mast structure shall be suitable to sustain an assumed maximum reaction arising from a wind speed as per IS 875 (Three second gust), and shall be measured at a height of 10 meters above ground level. The design life of the mast shall be 25 years. The force co-efficient taken for design of the polygonal structure is to be established from the wind tunnel test data.

Raising and lowering mechanism:

5.1 Winch:

The double drum winch shall be completely self-sustaining without the need for brake shoe, springs or clutches and self lubricating type by means of an oil bath. The worm gear ratio shall be 53:1 and safe working load 750 Kg. The drums are to be grooved to provide perfect seat for stable and tidy rope lay and arrangement for distortion free rope end termination.

The winch shall have provision to operate manually by a handle or electrically through power tool. The capacity, operating speed, safe working load, recommended lubrication and serail number of the winch shall be marked on each winch.

The winch shall be type tested through reputed institutions like IIT as consultants and the type test report shall be submitted along with offer. A test certificate is to be submitted along with supplies.

5.2 Head Frame:

The hot dip galvanized head frame is to be designed as a coppicing unit of the mast is of welded steel construction and provided with guides and separators between the ropes and cable. The LM6 Aluminum pulleys with bush bearing mounted through stainless steel shaft shall be suitable to accommodate wire ropes and multi core trailing cable. The head frame shall be provided with guides and sops with PVC buffer for the docking. The pulley assembly shall be covered b a hot dip galvanized

5.3 Stainless steel wire Ropes:

The stainless steel wire ropes shall be in AISI 316 grade, 7/19 construction with central core in the same material of 6 mm diameter. The breaking load of each rope shall not be less than 2350 kg giving a factor of safety of over 5 for the system at full load as per the TR-7. The end construction of tope for the winch drum shall be fitted with talurit and for two continuous ropes the termination in luminary's carriage shall be with stainless steel thimble and copper splicing and for others with stainless steel thimble and bull dog grips.

6. Electrical System, Cable and Cable Connections:

The multi-core trailing cable from base compartment to junction box at the top shall be 1.1 KV grade PVC insulated, PVC Sheathed copper conductor of size minimum 3 cores x 2.5 sq.mm. Wiring from junction box to Aviation Light is to be done using 3 core 1.5 sq.mm PVC insulated, PVC sheathed, copper conductor flexible cable.

Suitable arrangement is to be provided in the base compartment to receive and terminate incoming power cable and MCB in a box for isolation of incoming power supply,



7. Power tool for the Winch:

The phase, single speed, 6 pole high motor of rating suitable to lift the load mounted on adjustable plate to adjust the length of winch motor coupling chain is to be provided in base compartment.

Mechanical torque limiter is to be mounted on motor Shafto stop transmission of motion from motor to winch in case of excess load and thus prevent the damage to winch and breakage of rope.

8. Lightning Finial:

One number of FRP ornamental finial (DOME) shall be provided for each FLAG Mast on the head frame to get a direct conducting path to the earth through the mast.

9. Aviation Obstruction Lights:

Supply of single dome LED type Aviation obstruction Lights,I

10. Earthling Terminals:

Earth terminal using 12 mm diameter hot dip galvanized bolts shall be provided on the door stiffener of the mast for lightning and electrical Earthling of the mast.

11. Feeder Pillar:

Each mast shall be provided with a feeder pillar with 32 A TPN MCB incomer, power tool control with 2 no 9A contactors and raise/lower push button, incoming 35 sq.mm outing 16 & 2.5 sq.mm terminals.

12. Incoming Power Cable:

Power cable of suitable size up to the feeder pillar form supply point shall be provided by AAL

13. Luminaries:

The flood light luminaries shall be grey epoxy powder coated die cast aluminum housing with frame, heat resistant clear toughened glass fixed to the frame with silicon gasket with electrochemically brightened, polished and anodized aluminum reflector with cast aluminum control gear box, copper ballast and 400 W MH T Lamps. This Flood Light shall be installed on suitable pole (5 Mtr.) With supply & laying of 3cx2.5 sq. mm Cu cable for the individual wiring of the luminaire.

14. PU Painting:

Flag mast shall be provided with Polyurethane (PU) paint over the galvanized surface after application of Each Primer coat.

15. FLAG

Supply of national flag of size 20'x30' in 100% knitted Polyester (140 gsm) with super strong nylon webbing on all 3 sides & rope/toggle sleeve for each Airport. Flag shall confirm the Flag Code of India. 2002.

TECHNICAL DETAILS FOR 30.5 Mtr. Flag mast

-	HIGH MAST SYSTEM	
1	Make	Rejai/ 96:15 - Legaco
		Bajaj/ Philips/ KESELEC/SCHREDER/Transrail
-		to grand of any other make conforming and
2	The state of the second	pecureation
	Construction	30.5 Mtr./Three/5355 grade as per BSEN 10025
3.	Base dia and top diameter (A/F)	The state of the s
	The state of the s	Top 150 mm
4.	Plate thickness	Bottom 540 mm
		Top 3 mm
		Middle 4 mm
5.	Cross section of Mast/Standard for galvanization	Bottom 4 mm
	/size of opening and door at base	
6.	Diameter of been place	
	Diameter of base plate and thickness of base plate	730 mm
7.		30 mm
8.	Max. Wind speed	AS per IS: 875 (Part-III)
9.	Number of foundation bolts	12 Nos.
-	PCD of foundation bolts	650 mm
10.	The source of the light of loundarion hade	The state of the s
	POWER CABLE	TS 600/30 mm dia/850 mm long
11.	Cable for Aviation	
	WINCH/POWER TOOL	Copper, 3 Core, 2.5 Sq mm Armoured cable
		- Amounted Capit
12.	1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Photoble 1 Print and
	Method operation	Double drum, SWL 750 Kg (SGDD 30/6 PB)
	Motor capacity	Integral Motor 2 HP
	No. of Speeds	1.75(2)(27)
	Torque limitor	4Pole, Single speed
	WIRE ROPE FOR FLAG	With mechanical tripping facility
3.	Grade/construction	
	Number of ropes	Galvanised
1	Diameter (mm)	100 mm Long x 1 Nos.
	WIDE DORF FOR B	6 mm
	WIRE ROPE FOR BALANCE WEIGHTS	110000
4.	Grade/construction Number of ropes	Galvanised
	Diameter (mm)	
	Number of ropes	6 mm
	WIRE ROPE FOR BALANCE WEIGHTS	100 mm Long x 1 Nos.
	Grade/construction Number of ropes Diameter (mm)	Galvanised
	Control Panel	32 mm Long x No, 6 mm
	Property of the Control of the Contr	Custom Built Panel
13	LED AOL	Binay make (OR) Equiva



MAHARSHI DAYANAND SARASWATI UNIVERSITY, AJMER

SPECIAL TERMS & CONDITIONS

NAME OF WORK: - SITC of Monument 30.5 meter High mast National Flag at MDSU, Ajmer

 The performance security Deposit will be deducted @ 5% of each payment/running payment made to contractor until completion of the whole of the work.

2. The performance security would be release after expiry of defeat liability person. In case of any defects observed in the work done by the contractor the Engineer-in-charge will notify the depicts to the contractor giving reasonable time as per his discretion from rectification of defect and If contractor fails to rectify the defect within stipulated period the university shall be at liberty to get the defect rectified from any agency of its choice at the risk & cost of the contractor & expenditure incurred in this regard would be recovered from the contractor.

 All T&P, Machine such as Mixer, Vibrator, Welding Machine & C.C. equipment etc. their accessories & POL shall be arranged by the contractor at at his own cost.

 The contractor shall be responsible to get water & electricity connection as per Directions from Engineer-In-Charge before start of his work at site at his own cost.

All testing charges, laboratory charges for testing of any material from outsource including
cost of cartage of sample to & fro to laboratory shall be borne by contractor at his own cost &
whose records shall also maintained by him. All such records will be opened for inspection
by the authorized representative of Engineer-In-Charge

 Expenditure on making temporary store/hutments for temporary office, cement store & field Lab at site shall be borne by the contractor. Safe and secure godown for storage of cement shall be provided by the contractor. Account of Cement/ Steel will be part of Engineer-In-Charge.

 All material to be used must be approved from the engineer in charge prior to the collection at site.

8. Any price Escalation is not applicable under this contract agreement.

 All the instruction/specification issued by MDSU, Ajmer authorities from time to time regarding construction, Addition & Alternation shall be binding upon the contractor to follow.

 The contractor has to make his own arrangement at his own coast for curing, removal of surplus material and up keep of site in neat & clean manner.

 The work shall be carried out strictly as per PWD/ ISI specification and codes as may be applicable.

12. That contractor and their sub-contractor during the entire execution of works shall fully abide by the labour law, PF law, Industrial law, Mining law, forest law, Pollution law, as per Govt. Rules etc. as are applicable for any construction and shall be responsible to enforce it during the entire period of construction.

13. Construction work to be carried out by contractor will be under defect liability period (DLP) of Three (3) Years for any damages/ repair etc, as Govt. Order. The special Conditions of contract regarding defect liability period shall be in accordance with the circular of finance Deptt. (G & T Division) GoR vide circular No. 43/2009 dated 15:09:2009 & CE (Bldgworks) DLP (Bldg. work) D-268 dt.07.10.2009

- 14. Any damages done to the existing structure shall be having to borne by the contractor.
- 15. In case of any typing error in Schedule 'H' the decision of Engineer-in-charge will be final and binding.
- Work on Sunday and Holidays will only be carried out with the permission of Engineer-incharge & client.
- 17. Quantities of any item may be increased, decreased or deleted as per site conditions and as per instruction of Engineer-in-charge. Noting can be claimed extra for such changes in the item and also in the variation of quantities.
- All the instructions, specifications issued by MDSU, Ajmer authorities from time to time regarding construction, additional or alteration shall be biding upon the contractor.
- The contractor/PRW shall take all the necessary measures and will be responsible for the safety for the Labour at work and existing structure etc.
- Contractor is abide by the instructions issued by the Engineer-in-charge & client Department Authority regarding collection/storage of material at site.
- 21. All service line i.e. water supply, Sewer, Telephone, Electricity etc. at the site shall have to be taken care of by the contractor during the execution. Any damage to these lines shall have to be repaired by the contractor at his own cost.
- Final payment shall be made to the contractor only after satisfactory handing over of high mast National Flag to the MDSU, Ajmer.
- Contractor shall be fully responsible for any damage to the nearby structures during the construction.
- 24. Curing on cement works shall be done as per I.S. code and complete to the satisfaction of Engineer-in-charge. If Engineer-in-charge feels that curing is insufficient be shall have full power to employ for curing at the cost of contractor recovery of man days engaged for curing shall be recovered from the bill of contractor.
- 25. All type of cement concrete to be used in the building construction shall be mixed by using mechanical mixer only.
- 26. All hidden works shall be got checked necessarily from Engineer-in-charge before covering them for which the contractor shall inform the Engineer-in-charge well in time.

Signature of Contractor

MAHARSHI DAYANAND SARASWATI UNIVERSITY, AJMER



Name of work: SITC of Monumental 30.5 Meter High Mast National Flag at MDSU, Ajmer

SPECIAL CONDITIONS OF CONTRACT

These special conditions of contract shall be read in conjunction with Maharshi Dayanand Saraswati University, Ajmer general conditions of contract, if there are any provisions in the special conditions of contract which are at variance with the provisions of general conditions of contract, the provisions in these special conditions shall take precedence.

I. The work shall be strictly carried out as per specifications given in the schedule, list of approved make, particular specifications of respective work, special condition of contract, General conditions of contracts, drawings, PWD specifications, Indian standard specifications, as per prevailing practice in that order. The decision of the Engineer-in-Charge for this work on all items shall be final and binding on the contractor. Any deviation from the above may be clearly brought out by the contractor. All item/material shall be brand new and free from manufacturing defects.

2. SITE:

Work is to be carried out at Maharshi Dayanand Saraswati University, Ajmer and the site, where work is to be executed, belongs to Educational Campus hence strict supervision and special permission is always required before start of work and during progress of work.

The prospective tenderer is advised to visit the site before quoting for the work and no claim whatever on account of any deficiencies at site shall be entertained like non-availability of water, security restrictions, inaccessibility, limited working hours due to operations, local by laws/ rules etc. No extra payment will be made by University any misunderstanding by the bidder.

3. MAKES:

Where makes have not been indicated in the Schedule "H" they shall be of ISI marked/ reputed brands and bidder shall take approval of Engineer-in- Charge before supply.

4. INSPECTION AND TESTING:

All the material and equipment will be inspected at works/Factory by Engineer-in-charge or its authorized representative before dispatch to site, if or otherwise exempted from inspection by Engineer-in-charge. The notice for inspection/presence for testing shall be given to by the contractor at least 15 days in advance. The authority's authorized representative shall have full power to inspect drawings of any portion of work, examine the materials and workmanship at the contractor work or at any other place from which the material or equipment is obtained. Acceptance of any material or equipment shall in no way relieve the contractor of his responsibility for meeting the requirements of the specifications.

Routine/type tests certificates for equipment's offered shall be furnished by the contractor. Acceptance test as per relevant IS code shall be carried at factory. The contractor shall permit the Authority's authorized representative to be present during factory tests. After notification the contractor shall make under the inspection as have been specified or as the Engineer-in-charge shall consider necessary to determine whether or not the full intent of event of the inspection and test proving unsatisfactory and resulting in non-acceptance of the work or any portion whereof cost of re-inspection and/or tests (including the traveling and halting expensed incurred if any or such portion thereof as may be determined by the competent authority) shall be borne by the contractor. All tools, instrument, plants and labour/operating personnel require for the test shall be provided by the contractor at his own cost.

In case of any doubt about Item's standard Engineer-in-charge has full power to carry out the test at Govt. Approved test labouratory. Testing fees, transportation charges etc. on this account shall be borne by the contractor.



5. PRICES:

Prices shall be inclusive of all taxes & GST duties. Octroi (if any), labour, packing, freight/transportation and insurance up to the site, loading-unloading, fees for testing (if any), documents etc.

University does not give any concessional form/permits towards any taxes, duties and other levies etc.

6. PAYMENT TERMS:

- The complete work of performance guarantee is for period of 03 years from the date of completion of work and security deposit will refund after completion defect liability period of 03 year with additional period of Sixty days.
- No interim payment shall be made for supply items and partly executed work.
- III. Payment shall be made on successfully completion of installation, testing and commissioning of work after deduction of security deposit, Income-Tax, Labour Cess and GST etc. as per rules.

7. GUARANTEE:

The rates quoted in tender are inclusive of 03 years guarantee and cover maintenance and replacement of defective items and parts of the high mast flag system. It also included replacement of National Flag as and when required excluding cost of flag, in guarantee period if any defect found then shall be replaced or rectified by the tenderer at this own cost to the satisfaction of the Engineer-in-charge within one week after the date of notice, otherwise recovery as decided by engineer-in-charge shall be made from the security deposit amount.

8. PAINTING:

All exposed metalwork furnished under these specifications except as otherwise specified shall be painted after installation. Painting shall be with 2 or more coats of Synthetic enamel of approved brand over a coat of zinc chromate yellow primer.

- Dispatch schedules for supply of items are to be informed. No supply shall be done be on Sunday/Holidays without the prior sanction in writhing of the Engineer-in-charge.
- 10. The contractor shall be responsible for any damage caused to any equipment, Building underground utility services and also personnel due to the negligence of the contract. The same shall be made done by the contractor at his cost.
- 11. No T&P or tackles shall be supplied and no any accommodation can be arranged for the staff/workers of the contractor. He shall his own arrangements for all the above items/facilities.
- 12. The contractor has to follow the local security/safety rules and regulations and such instructions on restricted hours of work as may be imposed on him by the department/ local authorities, while working in security restricted zones and no claim whatsoever on account of loss of labour/idle labour etc. can be entertained.
- 13. The contractor or his authorized representative will have to sign the site order book and comply with the remarks therein every now and then.
- The contractor shall follow the local by-laws/regulations/rules inspection on the matter of SITC and shall obtain clearance from these authorities (if applicable).
- 15. All materials, tools and tackles, equipment's labour skilled, semi-skilled or unskilled including their housing, sanitation, procurement of food stuff, medical aid etc. are to be arranged by the contractor, cost of Transportation of labour and materials shall have to be borne by the contractor.
- 16. No work shall be done on Sunday/Holiday/Night without the prior sanction in writing of site-in charge.
- 17. The contractor shall stack the material at the site of work strictly as per the instruction of site-in-charge keeping in view the operational requirements.
- 18. In the event of any dispute of any kind related to the works, decisions of the Engineer-in-charge shall be final and binding.



- 19. The contractor will make his own water and electric arrangement. If supplied by University then the contractor will pay 1% of cost of work executed and will be deducted from his due payments. No electric connection will be provided by the University.
- Contractor has to completely necessary statutory requirement on contract including labour regulation and abolition Act 1970 & amendments up to date.
- The contract agreement shall be executed on Non-Judicial Stamp Paper of Value @ 0.25% of contract value and cost of the stamp paper shall be borne by the contractor.
- 22. The contractor should submit Sales Tax Clearance Certificate valid up to a date which may be Five months prior to scheduled opening of the tender. However, contractor has to submit up to date sales tax clearance certificate before issue of work order from this office.
- 23. The tenderer is advised not to give any conditional tenders. Conditional tender are likely to be rejected.
- 24. The University shall have right to cause on audit and technical examination of the work and the final bills of the Contractor including all supporting vouchers, abstracts etc. to be made within 2 year after payment of the final bills and if as a result of such audit and technical examination any sum is found to have been over paid in respect of any woke done by the Contractor under the contract or may work claimed by him to have been done by the him under the contractor and found not to have been executed, the Contractor shall be liable to refund the amount of over payment and it shall be lawful for the Department to recover the sum from him in the manner prescribed in special condition No. 25 or in any other manner legally permissible and if it is found that the contractor was paid less then was due to him under the Contractor in respect of any work executed by him under it. The amount of such under payment shall be duly paid by the Government to the Contractor.
- 25. Whether any claim against the Contractor for the payment of sum or money arises out of under the Contract, the Department shall be entitled to recover such sum by appropriation in part whole of the security deposit of the Contractor, in the event of security being insufficient or if no security has been taken from the Contractor then the balance of the total sum recoverable as the case may be shall be deducted from any sum then due or which at any time there after may become due from the contractor under this of any other contract with the Department and Government if this sum is insufficient to recover the full amount recoverable the contractor shall pay to the department on demand the balance remaining due. The Department shall further have the right to effect such recoveries under PDR. Act /LR Act
- 26. The Contractor shall follow the Contract labour (Regulation and abolition Act, 1961 and Rules 1971.
- The overall cleaning of site and disposal of building rubbish, surplus material on is to be done by the Contractor before handing over the site at his own cost.
- 28. The tenderer must have executed three nos of similar nature of work as a complete job in previous three Financial Years and certificates from the competent authority of the institute/department/organization etc must be attached otherwise tender will be rejected.
- Contracts has to submit structural design and drawing including foundation design of complete 30.5m High flag Mast duly vetted from NIT/IIT.

Signature of Tenderer With seal

S.R. Form No. 16

CONDITION OF TENDER AND CONTRACT FOR OPEN/GLOBAL TENDER

Note: Tenders should read these conditions carefully and comply strictly while sending their tenders.

- Tenders must be enclosed in a properly sealed envelope, according to the directions given in the tender notice.
- "Tender by manufacturers bonfire dealers": tenders shall be given only by manufacturers by bonafide dealers in the goods.
- i)Any change in the constitution of the firm etc., shall be notified forth with by the contractor in writing to the purchase officer and such change shall not relieve any former member of the firm etc. from any liability under the contract.
 - ii) No new partner/partners shall be accepted in the firm by the contractor in respect of the contract unless he/they agree to abide by all its terms, conditions and deposit with the purchase officer a written agreement to this effect. The contractor receipt for acknowledgement or that of any partners subsequently accepted as above shall bind all of the and will be sufficient discharge for any of the purpose of the contract.
- 4. GST Registration: who is not registered under the GST prevalent in the State where his business is located shall tender. The GST Registration Number should be quoted and a previous Sales Tax Clearance certificate from the Commercial Taxes Officer of the circle concerned shall be submitted without which the tender is liable to rejection.
- Rate shall be written both in words and figures. There should not be error and/or over writings. Corrections if any, should be made clearly and initialed with dates. The rated should mention element of the GST.
- 6. (i) Comparison of Rates: In comparing the rates tendered by firms outside Rajasthan and those in Rajasthan but not entitled to price preference under the Rules, the elements of GST shall be excluded whereas that of Central GST shall be included.
 - (ii) While comparing the rates in respect of firms within Rajasthan, the element of Rajasthan. GST shall be included.
- Price Preference: Price preference/preference will be given to the goods produced or manufactured by industries of Rajasthan over goods produced or manufactured by industries out side Rajasthan as per Purchase of Stores (Preference to industries of Rajasthan Rule 1995)
- Validity :- Tender shall be valid for a period of 90 days from the date of opening of tenders.
- 9. The approved supplier shall be deemed to have carefully examined the conditions, specifications, size make and drawings etc. of the goods to be supplied. If he has any doubts as to the meaning of and portion of these conditions of the specification, drawing etc. he shall, before signing the contract refer the same to the purchase officer and get clarifications.
- The contractor shall not assign or sublet his contract or any substantial part thereof to any other agency.

SPECIFICATIONS

- (i) All articles supplied shall strictly conform to the specification, trademarks laid down in the tender form and wherever articles have been required according to ISI specifications, those articles should confirm strictly to those specifications and should bear such marks.
 - (ii) The supply of articles shall in addition, conform strictly to the approved samples and in case of other material where there are no standard of approved samples, the supplies shall be of the very best quality and, description, the decision of the purchase officer/purchase committee what so ever the articles supplied conform to the specification and are in accordance with the samples if any, shall be final and binding on the tenderers.
 - (iii) Warranty /Guarantee Clause: The tenderer would give guarantee that the goods/stores/articles would continue to confirm to the description and quality as specified for a period of 30 days/ month from the date of delivery of the said goods/Stores articles to be purchased and that not with standing the fact that the purchaser may have inspected and/or approved the said goods/stores/articles be discovered not to conform to the description and quality aforesaid or have determined (and the decision of the purchase officer in that behalf will

be final and conclusive), the purchaser will be entitled to reject the said goods/ stores/articles of such portion thereof as may be discovered not to conform to the said description and quality, on such rejection goods/articles/stores will be at the seller's risk and all the provisions relating to rejection of goods etc. shall apply. The tenderer shall if so called upon to do, replace the goods, etc. or such portion thereof as is rejection by the purchase officer otherwise tenderer shall pay such damage as may arise by reason of the breach of the condition herein contained. Nothing herein contained shall prejudice any other right of the purchase officer in that behalf under this contract or otherwise.

(iv) In case of Machinery and equipment also, guarantee will be given as mentioned in clause

(iii) above and the tenderer shall during the guarantee period replace the parts if any defect, if found during the above period so as to make machinery and equipment's operative. The tenderer shall also replace machinery and equipment in case it is found defective which cannot be put to operation due to any defect etc.

(v) In case of Machinery and equipment specified by the purchase officer the tenderer shall be responsible for carrying out annual maintenance and repairs on the terms and condition as led down be agreed. The tenderer shall also be responsible to ensure adequate regular supply of spare parts needed for a specific type of machinery and equipment whether under their annual maintenance and repair rate contract or otherwise. In case of change of model he will give sufficient notice to the purchase officer who may like to purchase spare parts from them to maintain the machinery and equipment in perfect condition.

12. Inspection

(a) The purchase office or his duly authorized representative shall at all reasonable time have access to the suppliers premises and shall have the power at the reasonable time to inspect and examine the materials and workmanship of the goods/equipment/machineries during manufacturing process or afterwards as may be decided.

(b) The tenderer shall furnish complete address of the premises of his office, godown and workshop where inspection can be made together with name and address of the person who is to be contacted for the purpose. In case of those deals who have newly entered in business, a letter of introduction from their bankers will be necessary.

13. Rejection:

(i) Articles nor approved during inspection or testing shall be rejected and will have to be replaced by the tenderer at his own cost within the time fixed by the purchase officer.

(ii) If, however, due of urgencies of society work, such replacement either in whole or the part is not considered feasible, the purchase officer after giving an opportunity to the tenderer of being heard, shall for reasons to be recorded, deduct a suitable amount from the approved rates. The deduction so made shall be final.

14. The rejected articles shall be removed by the renderer within 3 days of intimation of rejection, after which purchase officer shall not be responsible for any loss, shortage or damage an shall have the right to dispose of such articles as he thinks fit, at the tenderer's risk and on his account.

15. The tenderer shall be responsible for the proper packing so as to avoid damage under normal conditions of transport, by sea rail road or air and delivery of the material in good condition to the consignee at destination. In the event of any loss, damage, breakage or leakage or any shortage to the tenderer shall be liable to make good such loss and shortage found at the checking/ inspection of the materials by the consignee, No extra cost on such account shall be admissible.

16. The contract for the supply, can be repudiated at any time by the purchase officer, if the supplies are not made to his satisfaction after giving an opportunity to the tenderer of being head and recording of the reasons for repudiation.

 Direct or Indirect canvassing on the part of the tenderer or his representative will be disqualification.



18. Delivery Period :

- (i) The tenderer whose tender is accepted shall arrange supplies & fixing within a period of one month.
- (ii) Extent of quantity Repeat order: If the order are placed in excess of the qualities shown in the tender notice, the tenderer shall be bound to meet the required supply. Repeat order may also be placed on the rate and conditions given in the tender provided that the repeat orders are up to 50% of the quantity originally purchased and the period is not more one month from the date of expiry of last supply. If the tenderer fails to do so, the purchase officer shall be free to arrange for the balance supply by limited tender or otherwise and the extra cost incurred shall be recoverable from the tenderer.
- (iii) If the purchase officer does not purchase any of the tendered articles or purchase less than the quantity indicated in the tender form, he tenderer shall not be entitled to claim any compensation.

19. Earnest Money:

Tender shall be accompanied by an earnest money without which tenders will not be considered. It should be deposited in either of the following forms in favour of Registrar, M.D.S. University, Ajmer.

(a) Bank Draft/Bankers Cheques of the scheduled Bank should be attached.

- (b) Refund of earnest money: The earnest money of unsuccessful tenderer shall be refunded soon after final acceptance of tender.
- (c) Exemptions from earnest money: Firms such are registered with Director of Industries, Rajasthan need not furnish the amount of earnest money in respect of items of which they are registered as such, subject to their furnishing registration certificate in original or Photostat copy or a copy there of duly attested by any Gazetted Officer along with a competence certificate from the Director of Industries Rajasthan at the rate 5% of the estimated value of the under shown in NIT.
- (d) The Central Society and Society of Rajasthan undertakings need not furnish any amount of earnest money.
- (e) The earnest money/security deposit lying with the Department /Office in respect of other tenders awaiting approval of rejected or on account of contract being completed will not be adjusted towards earnest money/security money for the fresh tender. The earnest money may however, be taken into consideration in case tenders are re-invited.

Forfeiture of Earnest Money : The earnest money will be forfeited in the following cases.

- (i) When tenderer withdraws or modifies the offer after opening of tender but before acceptance of tender.
- (ii) When tenderer does not excute the agreement, if any, prescribed within the specified time.
- (iii) When the tenderer does not deposit the security money after the supply order is given.
- (iv) When he fails to commence the supply of the items as per supply order within the time prescribed.

21. 1) Agreement and Security Deposit:

- i) Successful tenderer will have to execute an agreement within a period 7 days or receipt of order and deposit security equal to 5% of the value of the stoes for which tenderer are accepted within 15 days from the date of dispatch of which the acceptance of the tender is communicated to him.
- ii) The earnest money deposited at the time of tender will be adjusted towards security amount. The security amount shall in no case be less than earnest money.
- iii) No interest will be paid by department on the security money.
- iv) The forms of security money shall be as below :-
- a) ____/Bank Draft/Bankers Cheque/ Bank F.D.R. duly pledged.
- b) Post Office Saving Bank Pass Book duly pledged.

- c) National Saving Certificate, Defence Savings Certificates or any other script, investment under National Savings Scheme for promotion of small savings, if the same can be pledged. These Certificates shall be accepted at surrender value.
- 2) Firms registered with the Director of industries, Rajasthan in respect of stores for which they are registered subject to their furnishing the registration and prescribed competence certificate in original from the director of industries or a Photostat copy or copy thereof duly attested by any Gazetted Officer will be partially exempted from earnest money and shall be security deposit at the rate of 1% of the estimated value of tender.
- Forfeiture of security Deposit: Security amount in full or part may be forfeited in the following cases.
 - a) When any terms and condition of the contract is breached.
 - b) When the tender fails to make complete supply satisfactorily.
 - c) Notice of reasonable time will be given in case of forfeiture of security deposit. The decision of the purchase Officer in this regard shall be final.
- 4) The expenses of completing and stamping the agreement shall be paid by the tenderer and the department shall be furnished free of charge with one executed stamped counter part of the agreement.
 - i) All goods must be sent freight paid through Railways or goods transport if goods are sent freight to pay, the freight together with department charges 5% of the freight will be recovered from the supplier's bill.
 - ii) R.R. should be sent under registered cover/through Bank only.
 - iii) In case supply is desired to be sent by the Purchase Officer by passenger train, the entire railway freight will be borne by the Department.
 - iv) Remittance charges on payment made shall be borne by the tenderer.

22. Insurance

i) The goods will be delivered at the destination godown in perfect condition. The supplier, if he so desires, may insure the value goods against loss by theft, destruction or damage by fire, flood, under exposure to whether or otherwise viz., (war rebellion riot etc.). The insurance charges will be borned by the supplier and society will not be required to pay such charges, if incurred.

23. Payment

- i) Advance payment will not be made except in rare and special cases, in case of advance payment being made. It will be against proof of dispatch and to the extent as prescribed in financial powers by rail and prior inspection, if any. The balance if any will be paid on receipt of the consignment in good condition with the certificate to that effect endorsed on the inspection not given to the tenderer.
- ii) Unless otherwise agreed between the parties payment for delivery of the stores will be made on submission of bill in proper form by the tenderer to the purchase officer in accordance with GF & AR All remittance charges will be borned by the tenderer.
- iii) In case of disputed items, appropriate of the amount shall be withheld and will be paid on settlement of the dispute.
- iv) Payment in case of those goods which need testing shall be made be only when such tests have been carried out, test results received conforming to the prescribed specification.
- 24. 1) i) The time specified for delivery in the tender form shall be deemed to be the essential of the contract and the successful tenderer shall arrange supplies within the period on receipt of the firm order from the purchase Officer.
 - ii) Uquidated damage: In case of extension in the delivery period with liquidated damages the recovery shall be made on the basis of following percentage of value of stores which the tender has failed to supply.
 - (a) delay up to one fourth period of the prescribed delivery period 2.50 %
 - (b) delay exceeding one fourth but not exceeding half of prescribed period 5:00 %
 - (c) delay exceeding half but not exceeding three fourth of the prescribed period. 7.50 %
 - (d) delay exceeding three fourth of the prescribed period 10.00 %

- Fraction of a day in reckoning period of delay in supplies shall be eliminated if it is less than half a day.
- The maximum amount of liquidated charges shall be 10%
- 4) If the supplier requires an extension of time in completion of contractual supply on account of occurrence of any hindrance he shall apply in writing to the authority who has placed the supply order, for the same immediately on occurrence of the hindrance but not after the stipulated date of completion of supply.
- Delivery period may be extended with or without liquidated damages if the delay in the supply of goods is on account of hinderance by ond the control of the tenderer.
- 25. Recoveries: Recoveries of liquidated, short supply, breakage, rejected articles shall ordinarily be made from bills. Amount may also be withheld to the extent of short supply, breakages, rejected articles and in case of failure in satisfactory replacement but the supplies alongwith amount of liquidated damages shall be recovered from his dues and security deposit available with the department. In case recovery is not possible recourse will be taken under Rajasthan PDR Act or any other law in force.
- Tenderer must make their own arrangement to obtain import licence, if necessary.
- 27. If a tenderer imposes condition which are in addition to or in conflict with the conditions mentioned herein his tender is liable to summarily rejection. In any case none of such condition will be deemed to have been accepted unless specifically mentioned in the letter of acceptance of tender issued by the Purchase Officer.
- 28. The Purchase Officer reserves the right to accept any tender not necessarily the lowest, reject any tender without assigning any reasons and accept tender for all or anyone or more of the articles for which tenderer has given or distribute items of stores to more than one firm/suppliers.
- The tender shall furnish the following documents at the time of execution of agreement.
 - Attested copy of partnership deed case of partnership firms.
 - ii) Registration Number and year of registration in case partnership firm is registered with Register of Firms.
 - (iii) Address of residence and office, telephone number in case of sole proprietorship.
 - (v) Registration issued by the Registar of companies in case of a company.
- For the supply of foreign items, the rates must be quoted in Indian currency.
- The rare must be quoted including all accessories required or installation of equipment.
- In case the items are free form custom duty, the tenderer should mention clause under which the items are free from custom duty. The proof of this should be attached.
- 33. The imported item in readily stock with the Indian Agent could be purchased in Indian Currency provided the certificate produced by the Indian agent to this effect that the cost quoted by them does not include customs duty in competitive.
- 34. Complete literature along with the catalogue and technical data must ne enclosed whit the tender to facilitate the technical expert in selection of items.
- Performance report of the equipment by the institution whether it is already in use any where is to be attached with the tender form, if it is not practicable the supplier should enclose a list of institution where equipment have been supplied.



महर्षि दयानन्द सरस्वती विश्वविद्यालय,अजमेर।



Issued to Contractor...

Name OF Work:- SITC of Monumental 30,5 meter High mast National Flag at MDSU, Ajmer Cost of Tender Form :- Rs. 1000.00 Earnest Money :- Rs. 19,800.00

Time period for Completion of work : - One Month

'H' SCHEDULE FINANCIAL BID

SR.NO.	DESCRIPTION	Qty.	UNIT	Estimate Rate	Estimat AMOUNT	Rate quotated By Contractor including GST 8 other Expenses
	Supply, installation. Testing and Commissioning of Monumental 30.5 Meter high mast National Flag (imm no. (i) to (x) (ii) High mast shall in three sections, hot dip galvanized and suitable for wind velocity as per IS 875. (iii) (ii) Construction of foundation for high mast shall be having M-25 grade cement concrete as per design considering safe soil bearing capacity and requirement of high mast manufacture including foundation botts manufactured from special steel along with nuts, washers, anchor plates and templates as per requirements. (iii) System for Raising Lowering of flag having double drain winch, 6 mm dia stainfess steel wire rope and integral power tool for the naising and lowering of Flag. (iv) (iv) Suitable control panel shall be provided for reversing operation of power tools motor. (v) Supply and Fixing and efection of two nos non-integral floodlight luminaries with one no 400 W MH lamp and its control gear box. Arrangement supports for mounting CG box and luminary with 5 mm hot this galvanized octagonal pole sainable to mout 1 no. Non-integral flood light fittings at top & control gear box mounting arrangement at bottom including supply of foundation botts manufactured from special steel along with nuts, washer etc. Including supply & laying of 3C x 2.5Sq.mm CU power cable for the individual pole and wiring of luminaire etc. (vi) (vi) Provision of two nos GI pipe earthing for high mast with 1.5 M long 4(mm dia GI pipe including connection to high mast with terminal with 25x3mm GI flats with all materials and labour. (2 nosper mat required) (vii) (vii)High must also comprises of system and Aviation Obstruction light with 3 C x 2.5 Sq.mm Cu Armoured cable as per required standards. (viii) (viii) National flag shall be of size 20'x30' in 100% knitted polyester (140 gsm), with reinforced super strong nylon webbing on all 3 sides & rope! toggle sleeve. Erection of flag must & flag with the help of suitable equipments and assembly of operating system complete as required in this work. (ix) Th	1	Job	9.9 Lacs	9.9 LacsS	
	Total					

Note Please quote rates in BOQ online only. Registrar

signature of the contractor