



CENTRAL UNIVRESITY OF HARYANA, MAHENDERGARH

INDEX FOR TENDER FORM

- Name of work : Tender Bid Document for Supply and Installation of 34 Mtr. High Flag Mast at Central University of Haryana, Mahendergarh.
- Earnest Money Deposit : Earnest money as mentioned in N.I.T. in shape of D.D drawn in favour of Central University of Haryana, payable at Mahendergarh from any schedule bank.
- Last date and time for receipt of Bids : 12/07/16 upto 3PM
- Date and Time of Opening of Technical Bids : 12/07/16 at 3.30 PM
- Place of opening of Bids : Conference Hall, Administrative Block,
Central University of Haryana, Mahendergarh.

कार्यपालक अभियंता
हरियाणा केंद्रीय विश्वविद्यालय
Executive Engineer
Central University of Haryana

CENTRAL UNIVERISTY OF HARYANA, MAHENDERGARH

Name of work : Tender Bid Document for Supply and Installation of 34M High Flag Mast at Central University of Haryana, Mahendergarh.

Sold to Sri/Smt/M/s _____

On payment of Rs. 5000/- (Rupees Five Thousand only)
Vide D.D. No..... Bank & Branch Dt.

Registrar, Central University of Haryana,
Mahendergarh

I undertake to abide by the terms and conditions as stipulated in the detail tender call notice and conditions of contract.

Signature of the contractor

For Office Use only

1. Total Nos. of Corrections :
2. Total Nos. of Overwritings ;
3. Total Nos. of Pages :
4. Earnest Money Deposit in shape of :
5. Copy of S.T.C.C. : Furnished/Not Furnished
6. Copy of I.T.C.C./PAN : Furnished/Not Furnished
7. Any other enclosure :

Registrar, Central University of Haryana,
Mahendergarh

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Central University of Haryana


Central University of Haryana, Mahendergarh

NOTICE INVITING BIDS

The Central University of Haryana, Mahendergarh invites bids for Supply and Installation of 34 M High Flag Mast in Central University of Haryana, Mahendergarh from manufactures/ authorized representative who have an experience of the similar work. The last date and time of submission of tender document is 12/07/16 upto 3 PM. The detailed tender document is available at the University website www.Central University of Haryana, Mahendergarh.ac.in. The cost of tender form is Rs.5000/- and can be purchased by Paying the cost either in cash or in the form of DD from the office of Executive Engineer, Central University of Haryana, Mahendergarh. The tender forms downloaded from University website must be accompanied by DD of Rs. 5000/- in favour of Central University of Haryana, Mahendergarh.

Registrar,

CENTRAL UNIVERSITY OF HARYANA,MAHENDERGARH,


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CENTRAL UNIVERISTY OF HARYANA, MAHENERGARH

Supply & Installation of 34M High Flag Mast at Central University of Haryana, Mahendergarh

TECHNICAL BID

**Note : This is to be kept in Envelope "B" & sealed and it should be
written on envelop that**

**"Tender for supply & installation of 34MHigh Flag Mast at
Central University of Haryana, Mahendergarh."**


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CENTRAL UNIVERSITY OF HARYANA, MAHENDERGARH

NOTICE INVITING BIDS

The Central University of Haryana, Mahendergarh invites bids for Supply and Installation of 34 Mtr. High Flag Mast at Central University of Haryana, Mahendergarh from manufactures/authorized representative who have experience of similar work. Details are as follows -

S No	Description of Work	Estimated Cost	Earnest Money to Deposited	Last date & time of submission of Tender document	Time & date of opening of tender	Time allowed for completion
1	Supply and Installation of 34 Mtr. High Flag Mast at Central University of Haryana, Mahendergarh	Rs.14.20 Lakhs	Rs.28000/-	12/07/2016 upto 3PM	12/07/16 at 3.30 PM	30 days

2. The tender must be accompanied by a Demand draft for the amount mentioned as above in Indian Rupees only on a schedule bank drawn in favour of Central University of Haryana, India payable at Mahendergarh, India as Earnest Money for the above tender.
3. Sealed Tender Documents duly signed on all pages shall be delivered to the Central University of Haryana, Mahendergarh by hand only to reach on or before Dt. 12/07/2016 upto 3PM. The Technical Bids will be opened at 12/07/16 at 3.30 PM in the conference hall, Administrative Block, Central University of Haryana, Mahendergarh in presence of the tenderers or their authorized representatives who wish to attend. The financial bid of the agencies who qualify the technical bid

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evaluation process will be opened on same day i.e. 12/07/16. The date of opening of the Financial Bids of those tenders fulfilling the requirements will be announced on a separate date. If the office happens to be closed on the date of receipt of the bids or opening of bids as specified, the bids will be received and opened on the next day of opening of the office at the same time and venue.

4. Central University of Haryana, Mahendergarh does not binds itself to accept the lowest rate and reserves the right to accept or reject all or any part of tender without assigning reasons, thereof.
5. The tenderer shall quote for the material/equipment to be supplied as per detailed specifications as given in the Tender Document.
6. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the firm and nature of the site, the means of access to the site, and, in general, shall themselves obtain all necessary information as to risks, contingencies and other circumstances which influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site, whether he inspects it or not, and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at its own cost all materials, tools and plants, equipment etc. and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and local conditions and other factors having a bearing on the execution of the work. Any damages done to the property of the Central University of Haryana, Mahendergarh or other persons shall be made good by the Tenderer at his own cost.
7. The Tender shall be submitted in three separately sealed envelopes. The language used shall be English. In case any information is given in foreign language, then translated (in English) copies of those pages must be enclosed, failing which the tender will be disqualified.
8. **ENVELOPE 'A' (Earnest Money & Tender cost)**

The tender shall be accompanied by the cost of the tender document Rs. 5,000 (Indian Rupees Five Thousand only) in form of Demand Draft failing which the tender will not be accepted. Tender must also be accompanied by earnest money as mentioned above in the form of Demand Draft in favour of Central University of Haryana, payable at Mahendergarh executed by any Scheduled Bank. The Demand Draft towards Earnest Money & cost of tender document will be placed in Sealed Envelop 'A'.

9. ENVELOPE 'B' (Technical Bid Document)

- (i) This Envelope shall contain the documents and information pertaining to the technical bid, the product & its ingredients, Test Reports, Installation & Maintenance Manual and prescribed Technical Specification/documents and Guarantee on product for pre-qualification given hereinafter along with the Technical Bid document duly signed on each page.
- (ii) The tenderer shall indicate the technical parameters, norms along with referred codes, standards and practices for the items involved. The Catalogue, Operation Manual, Installation details and other literature of the item(s) offered should be enclosed. These shall be enclosed in the Envelope B.
- (iii) The credential of tenderer to be included for those who authorized by the manufacturers of the material for execution of this work including the list of similar work executed in India or abroad with location, cost of work and period during which those works are executed.

10. ENVELOPE 'C' (Financial Bid Document)

10.1 The Envelope 'C' shall contain the tender documents and information related to the schedule of quantities quoting the rates per Unit/Price etc. of the various items or works pertaining to the financial bid on the financial bid document, issued by Central University of Haryana, Mahendergarh along with the tender document.

10.2 All columns shall be duly filled-in with specific information on the cost involved.

10.3 The rates for the items shall be quoted in Indian Rupees.

* NOTE :- The Tenderer should clearly mention in all the three envelopes (i.e. A, B and C) clear description of the items for which the offer is being quoted. If any discrepancy is observed the offer would be treated as non responsive and would be rejected outright.

11. Envelope-'A' (Earnest Money & tender cost), Envelope-'B'(Technical Bid Document), and Envelope-'C' (Financial Bid Document), shall be in separate sealed envelopes, each marked as "Envelope-'A', 'Envelope-B' and 'Envelope-C'. All the three envelopes shall be submitted in another sealed envelope super scribing there on "**Tender for Supply and Installation of 34M High Flag Mast at Central University of Haryana**". The envelope should be addressed to Executive Engineer, Central University of Haryana, Mahendergarh India. The envelope marked 'Envelop-'B' of only those tenderers shall be opened, whose earnest money & tender cost are placed in the 'Envelop 'A' and found to be in order.

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12. The Tender Evaluation Committee will evaluate the Technical Bids and is fully authorized to reject any tender on its satisfaction that the requirements are not met for the complete needs of the Central University of Haryana with regard to the Committee. The decision of the Tender Evaluation Committee shall be final. Only those tenders Technical Bids cleared by the Tender Evaluation Committee shall be eligible for their Price Bid to be opened. Those successful tenderers for whom the Envelope-C (Price Bid) is to be opened shall be duly intimated.

13. Clarification of tenders:

13.1 During evaluation of tenders, the Registrar may at his discretion ask the tenderer a clarification of its tender. The request for clarification and the response shall be in writing. However, the tenderer is not permitted to alter the price (s) furnished in the Price Bid (Envelope-C).

13.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price (i.e. obtained by multiplying the unit price and quantity), the unit price shall prevail and the total price shall be corrected. If the supplier does not accept the correction of errors, its tender will be rejected. If there is a discrepancy between words and figures, the amount in words will prevail.

14. The amount of earnest money, in the case of successful tenderer, shall be refunded on successful completion of work. However E.M.D. of unsuccessful tenderers will be refunded after the award of the contract to the successful tenderer.

15. Central University of Haryana, Mahendergarh does not bind itself to accept the lowest or any other tender, and reserves to itself the authority to reject any or all of the tenders received without the assignment of any reason and to negotiate with the tenderers. All tenders in which any of the prescribed conditions are not fulfilled or are incomplete in any respect or there is any correction not duly dated, initiated by the tenderer are liable to be rejected. However, the final decision for accepting or rejecting any or all tenders, will be in the sole discretion of Vice Chancellor, Central University of Haryana, Mahendergarh.

16. Tender shall remain open for acceptance for a period of 60 days from the date of opening of the tenders. If any tenderer withdraws his tender before the said period or makes any modifications in the terms and conditions of the tender which are not acceptable to Central University of Haryana, Mahendergarh. Then Central University of Haryana, Mahendergarh. shall, without any prejudice to any other right or remedy, be at liberty to forfeit full earnest money absolutely. The decision of Vice Chancellor, Central University of Haryana, Mahendergarh in this behalf shall be final and binding on the tenderer.

17. The Notice Inviting tender shall form a part of the contract document. The successful tenderer shall sign the necessary contract documents consisting of the notice-inviting tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto, within the time specified in the letter communicating the acceptance of the tender. In case of delay the earnest money may be forfeited and the tender cancelled or the contract enforced as per the terms of the tender and the invitation to tender and the tenderer shall thus be bound by the conditions of contract-even though the formal agreement has not been executed and signed within the specified time by the tenderer.
18. If the Head Quarter of the successful tenderer is at a place other than Mahendergarh he shall appoint a duly Authorised Representative in Mahendergarh from the date of commencement of the work until the work is physically completed. Such Representative shall be authorized to act on behalf of the successful tenderer. Any notice under the contract shall be deemed to have been served on the successful tenderer, if served upon such Representative or sent by registered letter at his address in Mahendergarh. Such Representative shall not be changed and shall not leave Mahendergarh during the period of the contract without the prior approval of the Officer-in-charge, Executive Engineer, Central University of Haryana. If Vice Chancellor, Central University of Haryana shall require the successful tenderer to carry out rectification of the defects under the terms of the contract after the work has been completed, the successful tenderer shall appoint the same or another duly Authorized Representative in Mahendergarh while such rectifications are being carried out.
19. The tenderer shall submit a detailed supply and installation work schedule on the basis of the various items of supply and installation to be completed.
20. No additional conditions from the tenderer shall be acceptable. The tenders having any additional conditions will be summarily rejected without assigning any reason.
21. The tenderer is required to have an annual turnover minimum Rs.25 lac for last 2 years.
22. The tenderer is required to obtain all required permissions.
23. The tenderer is required to submit wind tunnel test by recognized Govt. Institution.

Signature of the Tenderer

Date :


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Central University of Haryana, Mahendergarh

Tender Bid Document for Supply and Installation of 34M High Flag Mast at Central University of Haryana, Mahendergarh

General Rules and Conditions:

1. All works proposed for execution by contract will be notified in a form of invitation of tender by Central University of Haryana, Mahendergarh. This form will state the works to be carried out, as well as the date for submitting and opening tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited with the tender. Copies of the specifications, designs and drawings and a schedule of quantities and any other documents required in connection with the work shall also be open for inspection by the Tenderer at office of the Central University of Haryana, Mahendergarh during office hours.
2. The tender submitted by the tenderer must be signed by the Company's/Firms/Institute's Executive or on his behalf by Authorised Signatory being a person holding the Power of Attorney authorizing him to do so. **Such Power of Attorney shall be submitted with the tender.**
3. Any person who submits a tender shall fill up the schedule of quantities stating at what rate he/she is willing to undertake each item of the work. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, will be liable to rejection.
4. A committee of Central University of Haryana, Mahendergarh will open the tenders in the presence of any intending Tenderers who may be present at the time, and will enter the details of the tenders in a comparative statement in a suitable form. In the event of a tender being accepted, the Tenderer shall for the purpose of identification sign copies of the specifications and other documents mentioned in Rule 1. In the event of a tender being rejected, the earnest money forwarded with such unaccepted tender shall thereupon be returned to the Tender remitting the same, without any interest.
5. Rates quoted by the tenderer in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words.
6. All rates shall be quoted in the schedule of quantities. The amount for each item should be worked out and requisite totals given. Special care should be taken to write the rates in figures as well as in words and the amount in figures only, in such a way that interpolation is not possible. The total amount should be written both in figures and in words. While quoting the rate in schedule of quantities, the word 'only' should be written closely following the amount and it should not be written in the next line.

7. On acceptance of the tender, the name with address and telephone numbers of the accredited representative(s) of the Tenderer who would be responsible for taking instructions, shall be communicated in writing to Central University of Haryana, Mahendergarh.
8. The Financial quotations shall be inclusive of the taxes payable on material as applicable under State Sales Tax or any other tax in respect of this contract and shall be payable by the Tenderer only and Central University of Haryana, Mahendergarh will not entertain any claim whatsoever in respect of the same.


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BASIC INFORMATION ABOUT THE TENDERER

1.	Name and Full Address of the Tenderer	
	Telephone No.	
	E-mail-	
	Fax:	
2	Last 3 Year Income Tax Assessment Certificate	
3.	Brand Name of the Product being offered	
4.	The firm will submit its consent to adhere the Time Schedule for execution of the supply and installation as mentioned in tender document.	
5.	Legal status; Whether a proprietary or a partnership firm of incorporated body etc. With proof of registration/certificate by Government of parent country.	
6.	Authenticated copy of the following documents.	
(a)	Certificate of incorporation. In case of an incorporated body.	
(b)	Memorandum of Association	
(c)	Certificate by Auditor confirming existence of assets (unencumbered) of the value of 30% of the tendered amount.	
(d)	Solvency Certificate from the Banker	
7.	(a) Name (a) and address (es) with Fax	

	number of customers along with the place and year where the said work have been Executed.	
(b)	Documentary proof of satisfactory supply and installation of items during the past three years and the present condition of the installed items.	
8.	The period for which the supplier manufacturer has been manufacturing the items and is in the business of supplying /installing the items and Documentary proof thereof.	
9.	Any other documents / information, which parties, may consider appropriate to the activity of tender	
10.	Details of disputes/claims, if any, between the tenderer and any Authority/Body and its present status .	

Note :-

1. Separate information sheet may be provided for item (s) in case space provided is not adequate.
2. Affidavit in the enclosed format on Non Judicial stamp paper duly attested by Magistrate/Notary shall also be furnished by the bidder.


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AFFIDAVIT

1. I, the undersigned, do hereby certify that all the statements made in the required attachments are true and correct.
2. The undersigned also hereby certifies that neither our firm M/S -----
----- have abandoned any work nor any contract awarded to us for such works have been rescinded, during last three years prior to the date of this bid.
3. The undersigned hereby authorise and request any bank, person, firm or Corporation to furnish pertinent information deemed necessary and requested by the Central University of Haryana, Mahendergarh to verify this statement or regarding my (our) competence and general reputation.
4. The undersigned understand and agrees that further qualifying information may be requested, and agrees to furnish any such information at the request of the Central University of Haryana, Mahendergarh.

(Signed by an Authorised Officer of the Firm)

Title of Officer

Name of Firm

DATE

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Central University of Haryana, Mahendergarh

Tender Bid Document for Supply and Installation of 34 Mtr. High Flag Mast at Central University of Haryana, Mahendergarh

I/We have read and examined the notice inviting tender, schedule of quantities, specification applicable, drawings and designs, general rules and directions, conditions of contract, clauses of contract, special conditions schedule of rates and other documents, and Rules referred to in the conditions of contract and all other contents in the tender documents for the work.

I/We hereby tender for the execution, for Central University of Haryana, Mahendergarh of the work specified in the underwritten memorandum within the time specified in such memorandum at the rates quoted in the schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in clause of the conditions of contract and in all respects in accordance with such conditions.

Memorandum:

Name of work:- Supply and Installation of 34 Mtr. High Flag Mast at Central University of Haryana, Mahendergarh.

- (a) Earnest Money Rs. ----- (Rupees -----) only
- (b) Time allowed for completion of supply and Installation 30 days from the date of issue of letter of acceptance.

I/We agree to keep the tender open for one hundred and twenty days from the date of opening thereof and not to make any modification in its terms and conditions.

A sum of Rs. ----- (Rupees -----) only is hereby forwarded in the form of Demand Draft executed by Scheduled Bank in favour of Central University of Haryana, Mahendergarh as earnest money payable at Mahendergarh.

Should this tender be accepted, I/We hereby agree (i) to abide by and fulfill all the terms & conditions of the said conditions annexed hereto and all the terms and provisions contained in notice inviting tender, and in default thereof to forfeit and pay to Central University of Haryana, Mahendergarh the sum of money mentioned in the said conditions.

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If I/We fail to commence the work specified in the above memorandum I/We agree that Central University of Haryana, Mahendergarh shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely to execute all the works referred to in the tender documents upon the terms & conditions contained or referred to therein.

Dated :

Address :

Signature of the Tenderer

Witness :

Address :

Occupation :

Central University of Haryana, Mahendergarh

INTERPRETATIONS & DEFINITIONS

1.	The " Contract " means the documents forming the tender and acceptance thereof and the formal agreement executed between the competent authority on behalf of Central University of Haryana, Mahendergarh, and the supplier (hereinafter call the Tenderer), together with the documents referred to therein including those conditions, the specifications, designs, drawings and instructions issued from time to time by Central University of Haryana, Mahendergarh and all these documents taken together, shall be deemed to form one contract and shall be complementary to one another.	
2.	In the contract, the following expression shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them.	
	i.	The expression " Works ", or " Work " shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken -to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional.
	ii.	The " Site " shall mean the land other place on, into or through which work is to be executed under the contract or any adjacent land, path or street through which work is to be executed under the contract or any adjacent land, path or street which may be allowed to use for the purpose of carrying out the contract.
	iii.	The " Tenderer " shall mean the successful tenderer / supplier agency undertaking the works and shall include the legally authorized representatives or such individual or the persons comprising the supplier agency, or the successors of the supplier and the permitted assignees of the supplier agency or the successors of the agency having possession of the property or holding in the event of the firm is liquidated before completion of work.
	iv.	The " O.I.C " means Officer-in-charge who shall supervise and be in charge of the work.
	v.	" Tendered Value " means the value of the entire work as stipulated in the letter of award.

	vii.	"Equipment" means all machinery, apparatus and articles to be provided under the contract by the Tenderer.
	viii	The “ place of supply and installation “ shall mean the Central University of Haryana Various Sports
3.		Where the context so requires, words imparting the singular only also include the plural and vice versa. Any masculine gender shall whenever required include feminine gender and vice versa.
4.		Headings and marginal notes to the conditions of the contract shall not be deemed to form part thereof or be taken into consideration in the interpretation or construction thereof or of the contract.
5.		The Tenderer/supplier agency shall be furnished, free of cost one certified copy of the contract documents except standard specifications, schedule of rates and such other printed and published documents, together with all drawings as may be forming part of the tender papers. None of these documents shall be used for any purpose other than that of this contract.

CLAUSES OF CONTRACT

Clause : 1 Works to be carried out:

The work to be carried out under the contract shall, except as otherwise provided in these conditions, include all labour, materials, tools, plants, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the works. The descriptions given in the Schedule of Quantities shall, unless otherwise stated, be held to include wastage on materials, carriage and cartage, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other labours necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognized principles.

Clause : 2 Sufficiency of Tender:

The Tenderer shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of this tender for the works and of the rates and prices quoted in the Schedule of Quantities, which rates and prices shall except as otherwise provided/cover all his obligations under the contract and all matters and things necessary for the proper completion and maintenance of the works.

Clause : 3 Time for Performances:

- 3.1 The Supply and installation should be completed within 30 days of issuing work order in all respects and handed over to Central University of Haryana, Mahendergarh.
- 3.2 Notwithstanding anything herein contained, the parties hereto acknowledge and agree that the time is the essence of the contract in all respects for their respective performance and discharge of obligations under this contract and the parties shall adhere to the time/delivery schedule as provided in Appendix-II of the contract unless otherwise mutually agreed to by the parties in writing.

Clause : 4 Registrar, CENTRAL UNIVERSITY OF HARYANA, MAHENDERGARH shall:

- 4.1 Being a party of this Contract, sign the agreement within seven days of issue of Acceptance Letter .
- 4.2 Hand-over the site to the Tenderer within two days of signing of the agreement.
- 4.3 Allow the supply and Installation to be commenced by the tenderer within two days after signing of the agreement.

Clause: 5 Performance Guarantee:

- 5.1 The contractor shall submit an irrevocable PERFORMANCE GUARANTEE of 5% (Five percent) of the tendered amount calculated in term, in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and without prejudice to any other provision in the contract) within 15 days of issue of letter of intent. This period can be further extended by the Vice Chancellor upto a maximum period of 7 days on written request of the contractor stating the reason for delays in procuring the Bank Guarantee, to the satisfaction. **This Performance Guarantee will remain valid & deposited with Central University of Haryana, Mahendergarh till the defect liability period plus sixty days of the work is over.** This guarantee shall be in the form of Government Security or fixed deposit receipts/Guarantee Bonds issued by National Bank, in accordance with and as per prescribed format. In case a fixed deposit receipt of any Bank is furnished by the contractor to the as part of the performance guarantee and the Bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to the Central University of Haryana, to make good the deficit.
- 5.2 A letter of intent shall be issued in the first instance informing the successful tenderer of the decision of the competent authority to accept his tender and the award letter shall be issued only after the Performance Guarantee in the prescribed form is received. In case of failure by the contractor to furnish the performance guarantee within the specified period, the Central University of Hayana, shall without prejudice to any right or remedy available in law, be at liberty to forfeit the earnest money absolutely.
- 5.3 The Performance Guarantee shall be initially valid for three months. In case the time for completion of supply and Installation gets enlarged, the contractor shall get the validity of Performance Guarantee extended to cover such enlarged time for completion of work. After recording of the completion certificate for supply and Installation by the competent authority and acceptance of Supply and Installation by the Expert Committee, whichever is later, the performance guarantee shall be returned to the contractor without any interest.
- 5.4 The Central University of Haryana shall not make a claim under the Performance Guarantee except for amounts to which the Central University of Haryana is entitled under the contract (not withstanding and without prejudice to any other provisions in the contract agreement) in the event of :-

- (a) Failure by the contractor to extend the validity of the Performance

Guarantee as described herein above, in which event the Central University of Haryana, may claim the full amount of the Performance Guarantee.

- (b) Failure by the contractor to pay the Central University of Haryana, any amount due, either as agreed by the contractor or determined under any of the Clauses/Condition of the agreement, within 30 days of the service of notice to this effect by the Central University of Haryana, Mahendergarh

5.5 In the event of the contract being determined or rescinded under provision of any of the clause/condition of the agreement, the Performance Guarantee shall stand forfeited in full and shall be absolutely at the disposal of the Central University of Haryana, Mahendergarh.

Clause : 6 Supply and Installation to be executed in accordance with specifications as quoted in the tender

- 6.1 The tenderer shall execute the whole and every part of Supply and Installation in the most substantial and workman like manner both as regards materials and otherwise in every respect in strict accordance with approved specifications.
- 6.2 All Supply and Installation shall be under the directions of Executive Engineer, Central University of Haryana, Mahendergarh to oversee/supervise and approve the Supply and Installation at various stages.
- 6.3 The supplier agency firm namely the Tenderer when requiring to engage any local contractor for construction/repair work must engage a reputed registered contractor having experience of carrying out of work of similar nature and quantity in the past. Such contractor's particulars with registration number and list of machinery available with the Contractor must be given to the CENTRAL UNIVERSITY OF HARYANA, MAHENDERGARH before execution of the work.

Clause : 7 Discrepancies and Adjustment of Errors :

The several documents forming the contract are to be taken as mutually explanatory to one another.

- 7.1 In the case of discrepancy, the following order of preference shall be observed:-

- i. Description of Schedule of Quantities
 - ii. Particulars Specification and Special Condition, if any.
 - iii. Brand Name
 - iv. Specifications in respect of the Brand Name.
- 7.2 If there are varying or conflicting provisions made in any one document forming part of the contract, the Vice Chancellor, Central University of Haryana, Mahendergarh shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the Tenderer.
- 7.3 Any error in description, quantity or rate in Schedule of Quantities or any omission there from shall not vitiate the contract or release the Tenderer from the execution of the whole or any part of the works comprised therein according to the supply & installation specifications or from any of his obligations under contract.
- 7.4 If there is any omission in furnishing the rate for any of the items, it will be construed that the rate for that item has been distributed among the other items of the tender. Therefore, the Tenderer is liable to execute that particular item of work at free of cost.

Clause : 8 Materials, Equipment, Tools & Plant:

- 8.1 The Tenderer shall arrange all materials, labour, machinery, equipment, tools and plant, protective clothing, crane, truck, dumper, office equipment (hereinafter collectively referred to as 'materials & equipment') and such other materials and equipment as is necessary for efficient and timely execution of Supply and Installation. The Central University of Haryana, Mahendergarh shall in no way be responsible to any accidents or injury caused during the execution of the work.
- 8.2 All materials and equipment related to this contract shall be properly packed by the tenderer to avoid any loss, damage or deterioration in transit and during storage or laying/fixing in India. Notwithstanding the said transit insurance, the responsibility of safe transportation of materials & equipment shall be with the Tenderer. Should any loss or damage occur, the Tenderer shall initiate and pursue claims till settlement and promptly make arrangement for repairs and replacement of any damaged items irrespective or settlement of claims by the under writers. Delay arising out of damage to materials and equipment in transit

shall not be considered for extension of the schedule date of completion.

Clause : 9 Price :

- 9.1 Rates : The rates tendered by the Tenderer shall be for completed items of Supply and Installation covering all materials, labour, carriage, royalties, fees, rents, CIF at site by Sea/Air freight, sales tax and any other taxes, octroi, levies, insurance charges and demurrage, wastage, tools, plant, equipment, transport, temporary construction, overhead charges and profits as well as general liabilities, obligations and risks etc. arising out of the conditions of the contract etc complete.

The prices will also include cost of testing of samples, collected during execution in the accredited laboratory as also for field (site) tests and repair/replacement of defective or worn out portions of surface during the warranty period. No extra charges, whatsoever, consequent on any misunderstanding or otherwise shall be allowed.

- 9.2 The prices shall also be inclusive of all expenses, taxes, levies, insurance and demurrage and any other fees and expenses etc. levied by the authorities in the place of origin in India and shall be paid by the Tenderer

- 9.3 The price will remain firm during the entire period of contract till the completion of the work in all respects and there will not be any escalation in the tendered value due to any reason whatsoever.

Clause : 10 Quality Control:

- 10.1 After completion of Supply and Installation of said equipment, the same shall be put to use for trial for a period of 30 days to the entire satisfaction of the Expert Committee constituted so as to ensure that the said equipment is strictly in accordance with the specification quoted in the tender. The Tenderer shall at his own cost rectify the said defects / shortcomings or replace the defective materials to make the equipment with the requirements.

11. Payment -

- 11.1 After satisfactory completion of the supply and erection of High Mast Unit with headframe and arrangement for Main Rider Unit Eighty Percent (80%) payment shall be released. The remainder Twenty Percent (20%) payment shall be released after commissioning of Flag Mast installation and satisfactory report from the Technical Committee constituted by the Central University of Haryana, Mahendergarh.

- 11.2 In case, it comes to notice at any stage that the Supply and installation is defective materials or the workmanship is defective or any defects develop during the warranty period, the Central University of Haryana, Mahendergarh shall be entitled to withhold the Security Deposit without prejudice to other contractual resource.

Clause 12 Warranty of the equipment

- 12.1 The Minimum Warranty of the high flag mast shall be for a period of two years for all items or as specified in the tender document whichever is later.
- 12.2 The Tenderer shall discharge the obligations at his cost under the warranty clause.
- 12.3 The Tenderer shall certify that no sub-standard materials have been used in the Supply and Installation and provide written warranty to that effect.
- 12.4 The Tenderer undertakes that all remedial work or repairs or replacement necessary under the terms of warranty will be carried out promptly on notification in writing by the Central University of Haryana, Mahendergarh in this regard and repairs or replacements will be carried out with materials identical to the original surface and at set times as may be agreed with the Central University of Haryana, Mahendergarh so that the programme of activities is not affected. In case the Tenderer fails to carry out the said repairs/replacements/ removal of the defects within the stipulated time, the Central University of Haryana, Mahendergarh shall get the Bank Guarantee encashed and forfeit the amount of Bank Guarantee.
- 12.5 The Tenderer shall discharge the obligations at his cost under the warranty clause.

Clause - 13 Breach of Contract

- 13.1 The Central University of Haryana, Mahendergarh while executing a contract with the Supplier Agency shall have the full right to see that the terms & conditions, specifications, quality, workmanship of the works assigned to the Supplier Agency or the party to the contract is fully complied and are satisfactory/ acceptable before payments are released.
- 13.2 If at any stage it is seen that the quality of material being used is below the standard accepted/ specified in the agreement or any deviation from the approved specification of the product or the laid down norms are not being

followed/ there is contravention to the terms and conditions of agreement, the same will be considered as breach of contract and in such case, the Central University of Haryana, Mahendergarh will have full right to stop further payment even if due, until and unless the discrepancies/ objections are set right or replaced/ clarified by the Supplier Agency to the entire satisfaction of the Central University of Haryana, Mahendergarh. Failing to comply with the above, the Central University of Haryana, Mahendergarh would initiate legal action as deemed fit within the jurisdiction of Mahendergarh Courts.

Clause 14 : Force Majeure

- 14.1 The term "Force Majeure" shall mean acts of God or any act not within the control of parties, such as lightening and unprecedented floods, earthquake, hurricane and wars, revolts, riots, fire, sabotage. Upon the occurrence of such cause and upon its termination, the party, alleging that it has been rendered unable, as aforesaid, shall notify the other party in writing immediately but not later than seven days of the alleged beginning as well as ending thereof, giving full particulars and satisfactory evidence in support of its claim.
- 14.2 In the event of either party being rendered unable by force majeure to perform any duty or discharge any responsibility arising out of the contract, the relative obligation of the party affected by such force majeure shall upon notification to the other party be suspended for the period during which force majeure event lasts. The cost and loss sustained by either party shall be borne by respective parties.
- 14.3 The time for performance of the relative obligation suspended by the force majeure shall stand extended by the period *for* which such cause lasts.
- 14.4 Should the delay caused by force majeure exceed two months, the parties to the contract shall hold discussions to resolve the situation mutually.

Clause 15 : Liquidated Damages

- 15.1 The Central University of Haryana, Mahendergarh and the Tenderer recognize that "time is the essence of contract" and the Central University of Haryana, Mahendergarh will suffer financial loss and other damages including loss of face and reputation of the country, if the Supply and Installation is not completed within the stipulated date of completion. They also recognize the delay, expense and difficulties involved in proving in legal or arbitration proceedings the actual loss suffered by the Central University of Haryana, Mahendergarh if the work is not completed within the stipulated time; accordingly, instead of requiring any such proof the Central University of

- Haryana, Mahendergarh and the Tenderer agree that as liquidated damages for delay (but not as a penalty) the Tenderer shall pay the Central University of Haryana, Mahendergarh one **percent** for each week or part thereof that expires after the stipulated date of completion until the Supply and Installation is completed, unless such delay is due to Force Majeure as defined in the contract or due to the Central University of Haryana, Mahendergarh default. The total incidence of liquidated damages for the entire work covered under the Contract shall, however, not exceed a sum of **ten Percent** of the tendered value.
- 15.2 The parties agree that the figures of liquidated damages indicated here **above** are genuine pre-estimates of the loss/damage which the Central University of Haryana, Mahendergarh would have suffered on account of delay/breach on the part of the Tenderer and the said amount will be payable on demand without there being any proof of the actual loss or damages caused by such delay/breach. All sums payable by way of liquidated damages shall be considered as reasonable compensation without reference to the actual loss or damage which shall have been sustained.
- 15.3 The decision of the Central University of Haryana, Mahendergarh, in the matter of applicability of the clause of liquidated damages shall be final and binding on the Tenderer.
- 15.4 The Central University of Haryana, Mahendergarh may without prejudice to any other method of recovery of such liquidated damages, deduct the amount so payable by the Tenderer, from any amount due or falling due to the Tenderer. The payment of deduction of such amounts shall not relieve the Tenderer from his obligations to complete the work or from any other obligations and liabilities of the Tenderer under the contract.
- 15.5 If the Tenderer fails to execute the Supply and Installation with due diligence and within the prescribed time schedule or refuses or neglects to comply with reasonable orders given to him, in writing by the Central University of Haryana, Mahendergarh in connection with the Supply and Installation or contravenes the provision of the contract, the Central University of Haryana, Mahendergarh may give notice in writing to the Tenderer to make good such failure, neglect or contravention. Should the Tenderer fail to comply with the notice within three days from the date of service thereof, the Central University of Haryana, Mahendergarh shall be at liberty to employ other workmen and forthwith execute such part (s) of Supply and Installation as the Tenderer may have neglected to or if the Central University of Haryana, Mahendergarh shall think fit, it shall be lawful for him, without prejudice to any other right, it may have under the contract, to take the Supply and

Installation wholly or in part out of Tenderer's hands and re-contract and complete the same or any part thereof to the Tenderer's account and in that event the Central University of Haryana, Mahendergarh shall have free use of Tenderer's equipment that may have been at the time on site in connection with the work without being responsible to the Tenderer for reasonable wear & tear thereof and to the exclusion of any right of the Tenderer over the same, and the Central University of Haryana, Mahendergarh, shall be entitled to retain and apply any amount due to the Tenderer or such part thereof as may be necessary, to the payment of the cost of executing the said part of the Supply and Installation or of completing the Supply and Installation or executing a part thereof as aforesaid exceeds the balance amount (s) due to the Tenderer, the Tenderer shall pay such excess. Such payment of excess amount shall be independent of the liquidated damages for delay, which the Tenderer shall have to pay if the completion of Supply and Installation is delayed.

- 15.6 In addition, such action by the Central University of Haryana, Mahendergarh as aforesaid shall not relieve the Tenderer of his liability to pay liquidated damages for the delays in completion of Supply and Installation.

Clause 16 : Dispute Redressal System:-

- 16.1 In case of any dispute the matter will be referred to Vice Chancellor and his decision will be final.
- 16.2 Either party, not satisfied with the decision of the Vice Chancellor, may opt for Arbitration under Arbitration & Reconciliation Act 1996. Appointment of sole Arbitrator will be done by Vice Chancellor on the request of the aggrieved party with in sixty days from the date of request. Arbitrator will be of the rank of serving/retired Chief Engineer/Superintending Engineer.
- 16.3 The supplier will deposit charge @ 7.5 % of the claim with the University & the same will be released only after the settlement of dispute.
- 16.4 Expenses on account of arbitration will be shared equality by both parties.

Clause 17 : Jurisdiction and applicable law

Indian Laws will govern this contract and any application in respect of any proceedings under this contract will be to the jurisdiction of the courts of Mahendergarh Haryana only and also for any application to entertain any suit in connection with this contract. Provided that nothing herein contained shall operate to the prejudice of any rights/recourses of the Central University of Haryana, Mahendergarh regarding blacklisting or any other matter for which there exists any condition in writing.

Clause 18 : Cancellations of contract

Notwithstanding anything herein contained :

- 18.1 The Central University of Haryana, Mahendergarh shall have the right to cancel the contract and be entitled to the restitution of all moneys paid by the Central University of Haryana, Mahendergarh to the Tenderer under this contract alongwith interest at 18% per annum and the damages as assessed by the Central University of Haryana, Mahendergarh in its sole discretion in case the Tenderer fails to perform the obligations strictly within the time stipulated herein or otherwise fails to discharge the duties and obligations undertaken by the Tenderer. The Supply and Installation can be got completed at the risk and cost of the Tenderer and the delivered materials or part thereof may be utilized subject to cost adjustment for the same as determined by the Central University of Haryana, Mahendergarh.
- 18.2 Provided that in case of any failure or delay on the part of the parties as aforesaid arising out of the force majeure such other party shall not be entitled to rescind or revoke this contract.
- 18.3 The Central University of Haryana, Mahendergarh reserves the right to cancel the contract in the event of omission/misrepresentation of any material fact.

Clause 19 : Tenderer to indemnify the CENTRAL UNIVERSITY OF HARYANA, MAHENDERGARH against Patent Rights

The Tenderer shall fully indemnify and keep indemnified the Central University of Haryana, Mahendergarh against any action, claim or proceedings relating to infringement or use of any patent design or any alleged patent or design rights and shall pay any royalties, which may be payable in respect of any article or part thereof included in the contract. In event of any claims made under or action brought against the Central University of Haryana, Mahendergarh in respect of any such matters as aforesaid, the Tenderer shall be notified thereof and the Tenderer shall be at liberty', at his own expenses, to settle any dispute or to conduct any litigation that may arise therefrom; provided that the Tenderer shall not be liable to indemnify the Central University of Haryana, Mahendergarh if the infringement of the patent or design or any alleged patent or design right is the direct result of an order passed by the Central University of Haryana, Mahendergarh in this behalf.

Clause 20:

The Tenderer shall be sole and Principal Employer of all labour employed on the Supply and Installation and shall comply with all the Indian Labour Laws as well as other laws, bylaws, orders and instructions issued by any competent authority in this behalf. The Tenderer shall be liable for all payments under any law including labour laws as also any compensation required to be paid on account of any injury, accident or mishap.

Clause 21 :

The contract comes into force on the date of signing by the authorized representatives of both parties.

Clause 22.

The use of proper erection devices and equipments should be made. All persons involved with erection & commissioning must be insured. No unauthorized persons should be allowed to be present in 100 mts. radius from the foundation of High Flag Mast till the erection is completed.

Clause 23.

Any accident caused because of falling, breaking, crippling or bending of the High Flag Mast Unit at any point of time shall be the total responsibility of the bidder.

Clause 24.

All test certificates duly signed should be submitted by the bidder to the officer –in Charge after installation of the Unit but before commissioning.

Technical Specifications

Detailed Technical Specification of 34M High Flag Mast With Maintenance Lift Arrangement.

Applicable Standards

The applicable codes followed for high mast design are as follows:

1. TR No-7 High Masts for Lighting.
2. IS 875 Part-3: Wind Loading.
3. BSEN 10025, S355: High Tensile Steel Sheets.
4. BS EN ISO 1461: Galvanization

A. Pole

(i) **Structure Details:** The structure gives good visual appearance and is based on proven design confirming to TR-7, to give assured performance, reliability and service. The Masts are constructed from steel conforming to IS 2062 or BSEN 10025. A vandal resistant, weather proof, lockable door of suitable size is provided at the base of high mast to access comfortably the components at the base compartment for normal operation & for maintenance.

(ii) **Dynamic Loading of Mast:** The mast structure shall be suitable to sustain an assumed maximum reaction arising from a wind speed as per IS 875 (3 second gust), and are measured at a height of 10 metres above ground level. The designed life of the mast should be 25 years.

(iii) **Raising and lowering mechanism: 1 Winch:** The winch shall be high speed completely self sustaining without the need for brake shoe, springs or clutches. There is a permanent oil bath for self-lubrication. The drums are to be properly grooved to provide a perfect seat for wire ropes.

The raising time of the flag shall not be more than 3 minutes.

The winch is normally be operated by an electrical power tool however there should be provision for manual operation also by means of manual handle. The winches are type tested through reputed institutions like IIT as consultants and the type test reports are submitted along with offer. A test certificate is to be submitted along with supplies.

(iv) **Stainless Steel Wire Ropes:** The stainless steel wire ropes generally be of 6 mm dia, 7/19 construction with central core being stainless steel only. The grade of wire ropes in accordance to AISI 316. The breaking load of each rope is not less than 2350 Kg giving a factor of safety of more than 5 for the system at full load as per the Technical Report No -7.

(V) Power Tool for Winch: Three phase, single speed, 6 pole high-powered motor of suitable rating be provided at the base of mast to facilitate raising & lowering operation of luminaires carriage. The motors are to be coupled with the winch shaft through chain & sprocket. A mechanical torque limiter is to be mounted on motor shaft to stop transmission of motion from motor to winch in case of excess load and thus prevent the damage to winch and breakage of rope.

(Vi) Lightening Finial: One number heavy duty 1.2 m long hot dip galvanised lighting finial be provided for mast on the head frame to protect the mast from lightening. The mast itself act as a conducting path between the earth & the arrestor.

(viii) Aviation Obstruction Lights: LED aviation lights be mounted on the lantern carriage to comply to the aviation norms where applicable. The connection for these aviation obstruction lights shall be made using 3C X 2.5 sq mm copper un armoured cables.

(ix) Feeder Pillar: Mast shall be provided with a panel box , housing 32A TPN MCB incomer along with contactor & switches for forward/ reverse operation of motor & to provide supply to the poles

The box be constructed of 14 SWG CRCA sheet finished with two Coates of red oxide primer & grey enamel paint of shade 631 of IS 5.

AGREEMENT

This agreement made on this

between the Registrar, Central University of Haryana, Mahendergarh (hereinafter referred to as the Registrar, which expression shall unless otherwise excluded by or repugnant to the context be deemed to include its successors, representatives and permitted assignees) of the one part and the.....

.....

....., the Tenderer (which expression shall unless otherwise excluded by or repugnant to the context be deemed to include its successors, representative and permitted assignees) of the other part.

Whereas, pursuant to the offer of the Tenderer, the Tenderer has agreed to undertake the following works:

Tender for 34 Mtr. High Flag Mast at Central University of Haryana, Mahendergarh for a tendered value of Rs.....as per the terms and conditions of the work award Letter No datedand terms & conditions annexed hereto.

The following documents will also form part of the Agreement

Sl.No. LIST OF DOCUMENTS

1. Offer Letter No..... dated.... ..
2. Work Award Letter No..... dated
3. Time Schedule of work
4. Schedule of Quantity.
5. Terms & Conditions.

In witness whereof, the parties have hereunto set and subscribed their handed seals on the day and the year first above written.

For and on behalf of Central University of Haryana

Registrar,
Central University of Haryana, Mahendergarh

For and on behalf of Tenderer

Witness:

- 1.
- 2.

Central University of Haryana, Mahendergarh

BILL OF QUANTITIES

for

**Supply & Installation of 34 Mtr. High Flag Mast at
Central University of Haryana, Mahendergarh**

FINANCIAL BID

**Note : This is to be kept in Envelope "C" & sealed and it should
be written on envelop that**

**"Offer for supply & installation of 34M High Flag Mast at
Central University of Haryana, Mahendergarh."**

Tender for Supply and Installation of 34M High Flag Mast at Central University of Haryana, Mahendergarh.

Sr.No	Item Description	Qty	Unit	Rate	Amount
1	<p>Supply & Installation of 34M high mast in four sections with arrangement mounting of Flag along with accessories such as head frame double drum inch, SS wire rope, trailing cable, pulleys, Aviation light as per drawing attached.</p> <p>(i) Structure details: The structure gives good visual appearance and is based on proven design confirming to TR-7, to give assured performance, reliability and service. The Masts are constructed from steel conforming to IS 2062 or BSEN 10025. A vandal resistant, weather proof, lockable door of suitable size is provided at the base of high mast to access comfortably the components at the base compartment for normal operation & for maintenance.</p> <p>(ii) Dynamic Loading of Mast: The mast structure shall be suitable to sustain an assumed maximum reaction arising from a wind speed as per IS 875 (3 second gust), and are measured at a height of 10 metres above ground level. The designed life of the mast should be 25 years.</p> <p>(iii) Raising and lowering mechanism: 1 Winch: The winch shall be high speed completely self sustaining without the need for brake shoe, springs or clutches. There is a permanent oil bath for self-lubrication. The drums are to be properly grooved to provide a perfect seat for wire ropes.</p> <p>The raising time of the flag shall not be more than 3 minutes.</p> <p>The winch is normally be operated by an electrical power tool however there should be provision for</p>	1	Nos		

<p>manual operation also by means of manual handle. The winches are type tested through reputed institutions like IIT as consultants and the type test reports are submitted along with offer. A test certificate is to be submitted along with supplies.</p> <p>(iv) Stainless Steel Wire Ropes: The stainless steel wire ropes generally be of 6 mm dia, 7/19 construction with central core being stainless steel only. The grade of wire ropes in accordance to AISI 316. The breaking load of each rope is not less than 2350 Kg giving a factor of safety of more than 5 for the system at full load as per the Technical Report No -7.</p> <p>(V) Power Tool for Winch: Three phase, single speed, 6 pole high-powered motor of suitable rating be provided at the base of mast to facilitate raising & lowering operation of luminaires carriage. The motors are to be coupled with the winch shaft through chain & sprocket. A mechanical torque limiter is to be mounted on motor shaft to stop transmission of motion from motor to winch in case of excess load and thus prevent the damage to winch and breakage of rope.</p> <p>(Vi) Lightening Finial: One number heavy duty 1.2 m long hot dip galvanised lighting finial be provided for mast on the head frame to protect the mast from lightening. The mast itself act as a conducting path between the earth & the arrestor.</p> <p>(viii) Aviation Obstruction Lights: LED aviation lights be mounted on the lantern carriage to comply to the aviation norms where applicable. The connection for these aviation obstruction lights shall be made using 3C X 2.5 sq mm copper un armoured cables.</p> <p>(ix) Feeder Pillar: Mast shall be provided with a panel box , housing 32A TPN MCB incomer along with contactor & switches for forward/ reverse operation of motor & to</p>				
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	provide supply to the poles The box be constructed of 14 SWG CRCA sheet finished with two Coates of red oxide primer & grey enamel paint of shade 631 of IS 5.				
2	PU Painting Charges for the above mast including material & labour and giving good finish.	1	Nos		
3	Supply & installation of Indian National Flag of Size 27ft x 60ft.	6	Nos		
4	Supply of foundation bolts manufactured from special steel along with nuts, washers, anchor plates and templates as per drawing.	1	Set		
5	Supply & Erection of 3Cx2.5 sqmm copper cable for connection to each fitting as per drawing attached.	1	Set		
6	Supply & Installation of FRP finial for above mast	1	Set		
7	Providing of GI pipe earthing for High mast with 2.5 M long 40mm dia GI pipe including connection to High mast earth terminal with 25 x3mm GI flats with all materials and labour	1	Set		
8	Construction of suitable shallow foundation with 1:1.5:3 concrete for the highmast considering the safe soil bearing capacity at site as 10 T/sqmtr at 2 metre depth with all materials and labour	1	Set		
9	Supply & Erection of 2M high octagonal poles with bracket including foundation bolt and its accessories	4	Nos		
	Total				

