

This notice is being published only as an abundant precaution and is not an open invitation to quote in the Tender. Participation in this tender is by invitation only and is limited to the selected BRBNMPL's Registered Bidders for the item, who have been sent this Tender by Post/ Courier. Unsolicited offer are liable to be ignored.

## **LIMITED TENDER ENQUIRY**

**BHARATIYA RESERVE BANK NOTE MUDRAN (P) LTD  
NOTE MUDRAN NAGAR  
MYSURU -570003**

Phone: 0821 – 2582905,2582915,2582925,2582935,2582945

Fax : 0821 – 2582099, E-Mail: [mysorepress@brbnmpl.co.in](mailto:mysorepress@brbnmpl.co.in)

Website : [www.brbnmpl.co.in](http://www.brbnmpl.co.in)

**Not Transferable**

**Security Classification: Non-Security**

**TENDER FOR “Supply, Installation, Testing and Commissioning of 30 Mtr. High Mast Lighting System near Watch Tower – 5 of Plant premises & near Plants Nursery of Township at BRBNMPL, Mysuru”**

Tender No: **087/MYS/MAINT(U)/2017-18** dated 15/11/2017

This tender document contains **23** pages

The tender document is sold to:

M/s. \_\_\_\_\_

Address \_\_\_\_\_

Details of Contact person in BRBNMPL regarding this tender:

Name: S.M.PAWALE,

Designation: ASST. GENERAL MANAGER

**Address: As above**

**Phone: 0821 – 2469007, Fax : 0821-2582885**

**Email: [smpawale@brbnmpl.co.in](mailto:smpawale@brbnmpl.co.in)**

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\*The representative of the bidder shall bring the signed copy of this format for attending bid opening.

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**Section I: Notice Inviting Tender (NIT)**

**Tender No.: 087/MYS/MAINT(U)/2017-18**

Date: 15/11/2017.

1. Sealed tenders are invited from eligible and qualified tenderers for supply of following goods & services:

Schedule No.	Brief Description of Goods / Services	Quantity (with unit)	Earnest Money (in Rs.)	Remarks
1	<b>Tender for “Supply, Installation, Testing and Commissioning of 30 Mtr. High Mast Lighting System near Watch Tower – 5 of Plant premises &amp; near Plants Nursery of Township at BRBNMPL, Mysuru”</b>	As per section XI Price Schedule	Rs. 36,000/- (Rupees Thirty Six Thousand only)	

Type of Tender (Two Bid / PQB / EOI / RC / Development / Indigenization / Disposal of Scrap / Security item etc.	<b>Two Bid</b>
Price of the Tender Document	Rs. 500.00
Closing date and time for receipt of tenders	14:30 Hrs on 20/12/2017
Place of receipt of tenders	Admin Building, BRBNMPL, Mysuru
Time and date of opening of tenders	15:00 Hrs on 20/12/2017
Place of opening of tenders	Admin Building, BRBNMPL, Mysuru
Nominated Person / Designation to Receive Bulky Tender (Clause 21.21.1 of GIT)	DGM/AGM (Utility Maintenance).

- Interested tenderers may obtain further information about this requirement from the above office selling the documents. They may also visit our website mentioned above for further details.
- Tenderer may download the tender documents from the web site and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned above.
- Tender documents may be purchased on payment of non-refundable fee of Rs.500.00 (Rupees five hundred only) per set in the form of account payee demand draft/ cashier's cheque / certified cheque, drawn on a scheduled commercial bank in India, in favour of BRBNMPL, Mysuru, payable at Mysuru.

5. If requested, the tender documents will be mailed by registered post / speed post to the domestic tenderers and by international air-mail to the foreign tenderers, for which extra expenditure per set will be Rs. 100.00 ( Rupees hundred only) for domestic post. The tenderer is to add the applicable postage cost in the non-refundable fee mentioned in Para 4 above.
6. Tenderers shall ensure that their tenders, duly sealed and signed, complete in all respects as per instructions contained in the Tender Documents, are dropped in the tender box located at Administrative Building of BRBNMPL, Note Mudran Nagar, Mysuru-570003 on or before the closing date and time indicated in the Para 1 above, failing which the tenders will be treated as late and rejected.
7. In the event of any of the above mentioned dates being declared as a holiday/ closed day for the purchase organisation, the tenders will be sold / received / opened on the next working day at the appointed time.
8. The tender documents are not transferable.

For and on behalf of BRBNMPL, Mysuru

Sd/-

(S. M. Pawale)  
Asst. General Manager

## Section II: General Instructions to Tenderer (GIT)

This Section-II shall be downloaded from website: [www.brbnmpl.co.in](http://www.brbnmpl.co.in) under the section 'Downloads' and signed & stamped and submitted along with the **Technical bid** as acceptance of terms & conditions. *(Offer without the copies of Section - II shall liable for rejection)*

## Section III: Special Instructions to Tenderers (SIT)

The following Special Instructions to Tenderers will apply for this purchase. These special instructions will modify/ substitute/ supplement the corresponding General Instructions to Tenderers (GIT) incorporated in Section II. The corresponding GIT clause numbers have also been indicated in the text below:

In case of any conflict between the provision in the GIT and that in the SIT, the provision contained in the SIT shall prevail.

The sealed tender offer shall be submitted as given below:-

- a. Copy of each page of Tender documents should be duly signed & seal affixed and submitted along with the Techno-commercial bid as a token of acceptance of tender conditions. The certificate as provided in annexure- A also must be signed and enclosed.
- b. The first sealed envelope should contain:
  - i) DD for **Rs.500/-** towards cost of tender document.
  - ii) EMD amount of **Rs.36,000/-**(as Demand Draft ) payable at **BRBNMPL, Mysuru** as detailed in clause 18 of General Instructions to tenderer (GIT).
  - iii) Signed tender documents, along with Techno-commercial bid. The envelope should be sealed and properly super-scribed as mentioned below.
- c. The second sealed envelope should have **Price Bid** as per Section XI with superscription "**Price BID – Tender Enquiry No. 087/MYS/MAINT(U)/2017-18, dated 15/11/ 2017**".
- d. The above Two envelop should be put in single envelope , sealed and properly super-scribed as **Tender for "Supply, Installation, Testing and Commissioning of 30 Mtr. High Mast Lighting System near Watch Tower – 5 of Plant premises & near Plants Nursery of Township at BRBNMPL, Mysuru, against Tender No. 087/MYS/MAINT(U)/2017-18, dated 15/11/2017"** and should be addressed to "The General Manager", BRBNMPL, Mysuru-570003 so as to reach us on or before **14.30 Hrs** on **20/12/2017**. Tender Offers not super scribed as above are liable for rejection.
- e. The tender offer may be sent by Regd. Post/ Courier. Parties desirous of handing over Tender Offer by hand should drop the Tender Cover in the Tender Box kept in the Administration Building ground floor, after recording the offer details in the register kept on the tender box.

## Section IV: General Conditions of Contract (GCC)

This Section-IV shall be downloaded from website: [www.brbnmpl.co.in](http://www.brbnmpl.co.in) under the section 'Downloads' and signed & stamped and submitted along with the **Technical Bid** as acceptance of terms & conditions. (*Offer without the copies of Section - IV shall liable for rejection*)

## Section V: Special Conditions of Contract (SCC)

The following Special Conditions of Contract (SCC) will apply for this purchase. These Special Conditions will modify / substitute / supplement the corresponding (GCC) clauses.

Whenever there is any conflict between the provision in the GCC and that in the SCC, the provision contained in the SCC shall prevail.

- 1) **Pre-Bid Visit:** The bidders **shall visit the Locations in BRBNMPL, Mysuru** and shall have clear understanding about scope of work, volume of work, requirement of skill levels of workforce etc. and any doubt/clarification may be cleared/done before submitting their offers. Any claim of ignorance about the system or responsibility shall not be entertained in later stage.
- 2) **Estimated Value:** The estimated value for this work is **Rs. 18,00,000/-** approximately (Rupees Eighteen Lakhs only)
- 3) **Time schedule:** Work shall be completed within **120** days from the date of receipt of work order. The total time period as specified above for the completion of the job is to be strictly maintained and is the essence of the order.
- 4) **Payment:** 100% of work order value shall be made after successful completion of work and certification by Maintenance Division of BRBNMPL. If contractor failed to deposit SD / BG as mentioned in clause No. 5 below, 10% of work order value will be retained as security deposit / Bank Guarantee till the completion of warranty period.
- 5) **Security Deposit / Performance Guarantee:** 10% of work order value as security deposit / performance guarantee in the form of DD/BG shall be furnished by the Contractor within 21 days from the date of issue of Notification of Award of Work Order, which shall be valid for minimum of 90 days after the completion of the warranty period.
- 6) **Compensation for delay (Liquidated Damage):** For any delay beyond the time specified above without any valid reason, liquidated damages @ 0.5% of the value of the work shall be levied per week of delay, subject to a maximum of 10% of total value of works completed / final bill value. Quantum of liquidated damages assessed and levied by BRBNMPL shall be final and not challengeable by the supplier / contractor. Contractor has to apply for extension with valid reasons at least 10 days prior to the completion date.
- 7) **Statutory requirements:** The Contractor should comply with all statutory provisions as applicable such as but not limited to:-
  - a) Any untoward incident arising out of improper supervision or inadequate safety measures will be the sole responsibility of the contractor. The Contractor shall conform to all the Labour Laws and shall remain solely responsible for the obligation under the relevant statutory provisions.
  - b) The contractor has to provide all statutory welfare measures for their workers.
- 8) **Materials:** BRBNMPL shall reserve the right to reject any materials if it is found not in conformity with specification and terms and conditions of the order in all respect.

- 9) **Warranty / Defects Liability Period:** Warranty / Defects liability period against this item / job shall be one year from the date of issue of Work completion Certificate.. The contractor shall be liable to replace/repair any defects within the warranty/defects liability period free of cost to the BRBNMPL.
- 10) **Quantum of work:** Quantities mentioned in the schedule of items are as per the prevailing condition & requirement and may vary during the execution of work. Any such variance will be accounted and paid extra as per the quoted rates.
- 11) **Additional Work order:** BRBNMPL may extend the Work order/place additional work order at a later date at the quoted rates, if required.
- 12) **Incompletion/Discontinuation of work:** If the work is not completed in all aspects or delayed beyond reasonable time or contractor discontinues the work abruptly, then BRBNMPL reserves the rights to get the remaining work/uncompleted work done through any other agencies at the risk and cost of the contractor. In such cases, the pending claims and Security Deposit of the contractor shall be forfeited.
- 13) **Recovery & Rectification of work:** In case contractor fails to attend the same as per defect liability period clause above within a week from the date of intimation, it shall be got rectified by the owner through another agency & money spent thus shall be recovered from the contractor.
- 14) **Safety & Security Measures:**
- a) The contractor should scrupulously conform to the safety and security norms as stipulated by BRBNMPL while working in the security area.
  - b) The contractor shall take all the precaution while executing this work. Protective gear such as safety helmets, boots, belts etc. shall be provided by the contractor at his own cost to all his workers at site. The Contractor shall impose such requirements on all sub-contractors also. It shall be the responsibility of the contractor to ensure that such protective gear is worn at all times by all personnel working at site. BRBNMPL shall have the right to stop any person not wearing such protective gear from working on the site.
  - c) BRBNMPL is a security organization and the Govt. of Karnataka declares the premise as Prohibited Area. Hence the contractor has to abide by the security rules of the Company. The contractor has to ensure the character and antecedent of the persons deployed. The contractor must be in a position to produce such documents whenever he is asked to do so. Details shall be furnished as per format when called for. The contractor has to issue printed photo identity card to its workers duly authenticated by the designated security officer of the Company. Contractor should apply for Gate Pass for labours, welding permission and material entry pass etc. as per approved format only, well in advance to avoid any delay in issue of Gate passes.
  - d) Any worker of the contractor, if found by the Company as unsuitable or having doubtful integrity, shall be removed from the premises at the risk and cost of the contractor. The contractor shall vouch guarantee for the integrity of its workers.
- 15) **Cleanliness:** - Contractor is required to ensure complete cleanliness at the site. Debris generated during the day's work should be disposed-off immediately.
- 16) **Electricity & Construction water:** Necessary source of electricity & water required for civil works will be taken from the available nearby source. In-case the same is not available it should be arranged by the contractor.
- 17) **Legal jurisdiction:** The court of Mysuru (Karnataka State) only shall have jurisdiction to deal with and decide any legal matter of dispute whatsoever arising out of any work order placed by us.

- 18) BIDS submitted not in accordance with the above guidelines & with counter conditions will be liable for rejection. BRBNMPL's decision on acceptance / rejection shall be final without assigning any reason thereof. BIDS once submitted will not be allowed for revision without the approval of BRBNMPL. Any withdrawal of BID after submission of offer will result in forfeiture of EMD and blacklisting of vendor. Parties not interested to participate in the tender for any reason, may please intimate us.

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### Section VI: List of Requirements

Schedule No.	Brief description of goods and services (Related specifications etc. are in Section-VII)	Accounting unit	Quantity	Amount of Earnest Money
1.	<b>“Supply, Installation, Testing and Commissioning of 30 Mtr. High Mast Lighting System near Watch Tower – 5 of Plant premises &amp; near Plants Nursery of Township at BRBNMPL, Mysuru”</b>	Each	2	Rs.36,000/-

Required Delivery Schedule: 120 Days from the date of issue of LOI/PO/WO

Required Terms of Delivery, Destination and preferred mode of Transportation:

F.O.R, BRBNMPL, Mysuru.

Location details for the work: One is near Watch Tower No. 05 at Plant Premises and another one in Township near plants Nursery of BRBNMPL, Mysuru.



## **Section VII: Scope of Work and Technical Specification**

### **Supply, Installation, Testing and Commissioning of 30 Mtr. High Mast Lighting System near Watch Tower – 5 of Plant premises & near Plants Nursery of Township.**

#### **A. SCOPE OF WORK: -**

1. Contactor shall connect power supply for 30 meter high mast tower from the nearby Feeder Pillar No 12 in Township and from AC Plant Substation in Plant area.
2. Erection and commissioning of High mast tower of 30 meter height includes material and labour. Location of High Mast Tower is one in Township near plant Nursery and another one behind Watch Tower No. 05 at Plant Premises of BRBNMPL, Mysuru.
3. Installation of lighting luminaries with all the accessories and related works as per standards
4. Contractor shall lay the Cable as per the route directed by BRBNMPL and standard practice shall be followed for termination of cables.
5. Contractor shall do the necessary arrangement for identification of cable by providing the proper cable tag and also mark incoming and outgoing legends suitably on the feeder. Sign posts to be erected along the cable route to enable its easy tracking. Trench should be of size 300 x 600 mm and back filling the trench after laying of cable with HDPE pipes.
6. Contractor shall provide an Earthing pit with 25 mm GI strip as per IS standard for high mast. Two earth strips (made of GI and dimension as per IS standard) should not touch each other and should be completely separated.
7. IP-65 Electrical Panel with contactor, timer, MCB etc., required for Auto On/OFF of the High Mast should be installed near high mast with proper supporting arrangement and suitable earthing.
8. Contractor shall do the testing and commissioning of the cable, high mast towers as per the relevant standard and direction of BRBNMPL.
9. The quantities mentioned in schedule of items are tentative and may vary as per the site requirement. Payment shall be made as per the actual work done.
10. The contractor has to arrange all the required materials, tools and tackles, labour, transportation etc., at his own cost.
11. Contractor shall supply the miscellaneous materials like junction box, anchor fasteners, screws, bolts and nuts, cable glands and lugs etc. and carry out associated minor works for successful completion of work. Contractor shall do any other related jobs that are not mentioned above, but found necessary at the time of execution to complete the job in all respect.
12. The materials supplied and work executed shall comply with I.S. Standard and I.E. Rules. BRBNMPL shall have the right to reject any materials and workmanship, if it is found not in conformity with specification, approved brand and terms and conditions.
13. The contractor shall be solely responsible to ensure the safety and insurance of all his workers. Any untoward incident arising out of improper supervision or inadequate safety measures will be the sole responsibility of the contractor. The contractor shall conform to all the Labour Laws and shall remain solely responsible for the obligation under the relevant statutory provisions.

## B) SCHEDULE OF ITEMS

### SCHEDULE OF ITEMS FOR SUPPLY

Sl. No	DESCRIPTION	UNIT	QTY
1	Supply of 30 Mtrs. High Mast system, continuously tapered, polygonal cross section at least 16 sided, with electrical control panel IP-65 on a suitable foundation with timer, contactor for auto ON / OFF control of the mast. The mast height shall be 30 mtr. with minimum diameters of 150 mm at the top and 600 mm at the bottom, minimum plate thickness of bottom section shall be suitable for minimum effective wind area of 4.0 Sq. mtr. Adequate door opening not less than 750mm x 200mm shall be provided at the base of the mast to facilitate easy removal of the winch. The door opening shall be complete with close fittings, weather proof door, provided with internal lock and key. Totally hot dip galvanized and suitable for 180 KMPH wind velocity. The mast should have the circular holding ring with arms at the top to carry minimum 12 Nos of Flood Light Luminaries (Induction Lamp 200w) on each arm and LED Aviation light fitting on top.	Set	2
2	Supply of accessories for 30 Mtrs. High Mast including head frame, steel wire rope 6 mm/8 mm diameter, double drum winch with galvanized lantern carriage with pipe / section arrangement suitable for 12 to 18 luminaries and its control gear boxes, suitable trailing cable with its terminations, distribution box on the top at the LC and lighting finial with complete as per specification	Set	2
3	Supply and fixing of GI foundation bolts manufactured along with nuts, washers, anchor plate for holding the Mast firmly.	Set	2
4	Supply & fixing of 4 Core x 4 Sq.mm Cable with earthing (3 Phase with neutral & earth) wire to the tower and 2 Core x 1.5 Sq. mm flexible cable wiring for individual Lamps on the Mast <b>(Luminaires will be supplied by BRBNMPL, Mysuru)</b> Fixing of lamps including supply of weather proof accessories like bracket, nut & bolts etc. of good quality. Electrical cable shall be of reputed make like Finolex, V guard, Havells etc.		
	4 Core x 4 Sq. mm Flexible Cable	Mtr.	66
	4 Sq. mm Cu earthing wire	Mtr.	66
	2 Core x 1.5 Sq. mm Flexible Cable	Mtr.	30
	Weather Proof accessories	Set	2
5	Supply of XLPE armoured Aluminium PVC LT cable of size 3.5 core x 50 sq mm. Make : Havells / Gloster / Polycab / Cable Corpn. of India / Finolex	Mtr	250
6	Supply of XLPE armoured Aluminium PVC LT cable of size 3.5 core x 25 sq mm. Make : Havells / Gloster / Polycab / Cable Corpn. of India / Finolex	Mtr	400
7	Supply and laying of HDPE Pipe of dia ID 50 mm for U/G cable passing (25 Sqmm cable, 250 Mtr. in Township & 100 Mtr. in Plant from DB to Highmast; 50 Sqmm cable from AC plant to DB 100 Mtr.)	Mtr	450
8	Supply of GI Pipe for earth pit of high mast as per IS standard 2,5 Mtr. Length, 50 mm dia filling with Charcoal & Salt	Nos	2
9	Supply of Motor and winch with sprockets, chain, base fixture etc..	No	2
10	Supply of 63 Amps SFU for connecting power supply from FP Make : Legrand /ABB/ Siemens/ L&T/ TC/Schneider/C&S	No	2
11	Supply of GI Pipe of dia 80 mm & supply of material for concreting the road.	Mtr.	50

### **SCHEDULE OF ITEMS FOR ERECTION & COMMISSIONING**

SR NO	DESCRIPTION	UNIT	QTY
1	Erection, installation, testing and commissioning of the High Mast with the help of suitable crane / equipment including cost of all materials, labour charges, all other incidental charges, etc. complete as per specification and direction for Sl No. 1& 2 of Supply part.	Nos	2
2	Design and casting of suitable RCC foundation for the 30 Mtr High Mast considering the safety at the site load bearing capacity of 6T / sq.m. at 2 Mtr. depth, including cost of all materials, labour charges, all other incidental charges, etc. complete as per specification, direction & as per design.	Nos	2
3	Excavation of UG cable trench from high mast to panel of size 300 X 600 mm, Laying of Cable through HDPE pipe & termination of the Cable of 3.5 Core X 50 sq.mm size (Sl. No. 5 of Supply part) & Cable of 3.5 Core X 25 sq.mm size (Sl. No. 6 of Supply part) along with the terminations etc. and necessary protection.	Mtr	500
4	Construction of GI Pipe earth pit for high mast as per IS standard 2.5 Mtr. Length, 50mm dia with masonry chamber, funnel etc.	Nos.	2
5	Road cutting up to 300 mm width, digging up to 600 mm depth and inserting of GI pipe of dia 80 mm. Filling back the same including leveling & concreting the surface.	Mtr.	20
6	Soil cutting under Railway Track up to 300 mm width, digging up to 600 mm depth and inserting of GI pipe of dia 80 mm. Filling back the same including leveling & concreting the surface.	Mtr.	30

***Above mentioned quantity is estimated only and payment shall be made based on the actual quantity used/quantity of work done.***

## **C. Technical Specifications**

### **1. SCOPE**

The scope of this specification covers the design manufacture, testing, supply, installation and commissioning of the complete lighting system (High Mast Towers), including the Civil Foundation Works. For civil foundation work cement, steel, sand, stones etc. has to be good quality as per IS standard. For High mast the symmetrical & asymmetrical luminaries has to be arranged. All items required for the safe and efficient operation and maintenance of the lighting system, including the high mast, whether explicitly stated in the following pages or not, shall be included in the contractor's scope.

### **2. APPLICABLE STANDARDS**

The following shall be the Reference Standards for the installing of High Mast:

<b><u>Code No.</u></b>	<b><u>Title</u></b>
a) T.R. No.7	High Masts for Lighting and CCTV (2000 edition) of ILE, U.K
b) IS 875 Part – 3	Wind Loading
c) BS EN 10025:1993	High Tensile Steel Sheets
d) IS 2062	Mild Steel
e) BS EN ISO 1461	Galvanization
f) IS 3459 / 2266	Stainless steel Wire rope
g) IS 9968 Part – 1	Trailing Cable
h) IS 325	Motor

### **3. HIGH MAST**

#### **3.1 Structure**

The High mast shall be 30 meter high and of continuously tapered, polygonal cross section and shall be suitable for wind loading as per IS 875 and local conditions.

#### **3.2 Door**

An adequate door opening shall be provided at the base of the high mast and the opening shall be such that it permits clear access to equipment like winches, cables, plug and socket, etc. and also facilitate easy removal of the winch.

#### **3.3 Lantern Carriage**

The Lantern Carriage (Circular for High mast) shall be designed and fabricated to hold the required number of flood light fittings and the control gear boxes and also have a perfect self-balance.

#### **3.4 Raising and lowering mechanism**

A suitable Winch Arrangement shall be provided for High mast only, with the winch fixed at the base of the mast and the specially designed head frame assembly at the top. The lantern carriage assembly shall reach 1 M from the base of the mast for easy access.

### **3.5 Stainless Steel Wire Ropes**

The suspension system shall essentially be without any intermediate joint for High mast only and shall consist of only non-corrodible stainless steel of suitable construction with adequate factor of safety.

### **3.6 Electrical System, Cable and Cable Connections**

A suitable terminal box shall be provided as part of the contract at the base compartment of the high mast for terminating the incoming cable. The electrical connections from the bottom to the top shall be made by special trailing cable. The cable shall be EPR insulated and PCP sheathed to get flexibility and endurance. Size of the cable shall be minimum 4 core 4 sq mm copper. There shall be two cables per mast, one for essential supply and the other for non-essential supply. The cable shall be of reputed make. At the top of the high mast there shall be two weather proof junction boxes to terminate the trailing cable. Connections from the top junction box to the individual luminaires shall be made by using 3 core 1.5 sq. mm. flexible PVC cables of required make.

### **3.7 Power Tool for the winch**

A suitable, high-powered, electrically driven, internally mounted power tool, with manual over ride shall be supplied for the raising and lowering of the lantern carriage maintenance purposes for high mast.

### **3.8 Lightning Finial**

One number heavy duty hot dip galvanised lightning finial shall be provided for high mast. The lightning finial shall be of required length and shall be provided at the Centre of the head frame. It shall be bolted solidly to the head frame to get a direct conducting path to the earth through the mast.

### **3.9 Earthing Terminals:**

Suitable earth terminal shall be provided at a convenient location on the base of the Mast, for lightning and electrical earthing of the mast.

## **Section VIII: Quality Control Requirements**

The items supplied under this contract shall be of the make and standards as explained in section VII

- 1) Approved make of contactor, timer and MCB and other Switch gear:  
Siemens/L&T/TC/Schneider/C&S
- 2) IE Rules and standards:
  - a) The materials supplied and work executed shall comply with I.S. Standard and I.E. Rules.
  - b) Latest revision of all applicable I.S. Standards and IE codes, regulations shall govern the design, manufacture, installation, testing and commissioning of this work.

## **Section IX: Qualification/ Eligibility Criteria**

### **I. Financial Status:**

- a) Average Annual turnover of the bidder during last three years ending 31/03/2017 should be more than Rs.5,40,000/- and it should be reflected in audited financial report for the said period and should be certified by Chartered Accountant.
- b) Bidders should not have suffered any financial loss for more than one year during last three years ending 31/03/2017.
- c) The net worth of the firm should not have eroded by more than 30% in the last three years ending 31/03/2017.

All financial standings data like P/L accounts, Balance sheets, etc. should be certified by Chartered Accountants (CA).

### **II. Experience:**

Contractor shall have Class-I Electrical Licence and experience in successfully completing similar works during last seven years ending previous month with reference to tender date, shall be either of the following

Three similar completed works costing not less than the amount equal to 7.20 lakhs.

Or

Two similar completed works costing not less than the amount equal to 9.00 lakhs.

Or

One similar completed work costing not less than the amount equal to 14.40 lakhs.

- III. Copies of Completion Certificates / Statement / Work order executed shall be submitted.
- IV. Declaration regarding Non-Blacklisting and Confidentiality statement as per Annexure 'A' to be duly signed & submitted.

**Note: Similar works means Supply, Erection & Commissioning of Electrical High Mast Lighting System, power stations etc.,**

## Section X: Tender Form

Date .....

To  
The General Manager,  
BRBNMPL,  
Note Mudran Nagar,  
Mysuru – 570 003

**Ref:** Your Tender document No.: 087/MYS/MAINT(U)/2017-18, dated 15/11/2017

We, the undersigned have examined the above mentioned tender enquiry document, including amendment No. -----, dated \_\_\_\_\_ (if any), the receipt of which is hereby confirmed. We now offer to supply and deliver ..... (description of goods and services) in conformity with your above referred document for the sum of \_\_\_\_\_ (total tender amount in figures and words), as shown in the price schedule(s), attached herewith and made part of this tender.

If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 6, read with modification, if any, in Section V — "Special Conditions of Contract", for due performance of the contract.

We agree to keep our tender valid for acceptance for a period up to \_\_\_\_\_ as required in the GIT clause 19, read with modification, if any in Section-III — "Special Instructions to Tenderers" or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender up to the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry.

Dated this \_\_\_\_\_ day of \_\_\_\_\_  
For & on behalf of

(Signature with date)

(Name and designation)  
Duly authorized to sign tender for and on behalf of  
.....

**(To be submitted in Contractor's letterhead)**  
**Section XI: Price Schedule**

The General Manager,  
BRBNMPL,  
Mysuru -570 003

**Sub:** Price Bid for “Supply, Installation, Testing and Commissioning of 30 Mtr. High Mast Lighting System near Watch Tower – 5 of Plant premises & near Plants Nursery of Township at BRBNMPL, Mysuru”

**Ref:** Your Tender No. 087/MYS/ MAINT(U)/2017-18, dated 15/11/2017

We have received your tender enquiry cited and are pleased to enclose the following as our commercial bid for your kind consideration.

**Supply part**

Sl No.	Description	Unit	Qty	Unit Rate (Rs)	GST @ ___%	GST Amt. (Rs)	Total Amt. (Rs)
			A	B		C	D=(AxB)+C
1	Supply of 30 Mtrs. High Mast system, continuously tapered, polygonal cross section at least 16 sided, with electrical control panel IP-65 on a suitable foundation with timer, contactor for auto ON / OFF control of the mast. The mast height shall be 30 mtr. with minimum diameters of 150 mm at the top and 600 mm at the bottom, minimum plate thickness of bottom section shall be suitable for minimum effective wind area of 4.0 Sq. mtr. Adequate door opening not less than 750mm x 200mm shall be provided at the base of the mast to facilitate easy removal of the winch. The door opening shall be complete with close fittings, weather proof door, provided with internal lock and key. Totally hot dip galvanized and suitable for 180 KMPH wind velocity. The mast should have the circular holding ring with arms at the top to carry minimum 12 Nos of Flood Light Luminaries (Induction Lamp 200w) on each arm and LED Aviation light fitting on top.	Set	2				

(Sign & seal of Bidder)



2	Supply of accessories for 30 Mtrs. High Mast including head frame, steel wire rope 6 mm/8 mm diameter, double drum winch with galvanised lantern carriage with pipe / section arrangement suitable for 12 to 18 luminaries and its control gear boxes, suitable trailing cable with its terminations, distribution box on the top at the LC and lighting finial with complete as per specification	Set	2				
3	Supply and fixing of GI foundation bolts manufactured along with nuts, washers, anchor plate for holding the Mast firmly.	Set	2				
4	Supply & fixing of 4 Core x 4 Sq.mm Cable with earthing (3 Phase with neutral & earth) wire to the tower and 2 Core x 1.5 Sq. mm flexible cable wiring for individual Lamps on the Mast <b>(Luminaires will be supplied by BRBNMPL, Mysuru)</b> Fixing of lamps including supply of weather proof accessories like bracket, nut & bolts etc. of good quality. Electrical cable shall be of reputed make like Finolex, V guard, Havells etc.						
	4 Core x 4 Sq. mm Flexible Cable	Mtr	66				
	4 Sq. mm Cu earthing wire	Mtr	66				
	2 Core x 1.5 Sq. mm Flexible Cable	Mtr	30				
	Weather Proof accessories	Set	2				
5	Supply of XLPE armoured Aluminium PVC LT cable of size 3.5 core x 50 sq mm. Make : Havells / Gloster / Polycab / Cable Corpn. of India / Finolex	Mtr	250				
6	Supply of XLPE armoured Aluminium PVC LT cable of size 3.5 core x 25 sq mm. Make : Havells / Gloster / Polycab / Cable Corpn. of India / Finolex	Mtr	400				
7	Supply and laying of HDPE Pipe of dia ID 50 mm for U/G cable passing.	Mtr	450				
8	Supply of GI Pipe for earth pit of high mast as per IS standard 2,5 Mtr. Length, 50 mm dia filling with Charcoal & Salt.	Nos	2				
9	Supply of Motor and winch with sprockets, chain, base fixture etc.	No	2				
10	Supply of 63 Amps SFU for connecting power supply from FP Make : Legrand /ABB/ Siemens/ L&T/ TC/Schneider/C&S	No	2				
9	Supply of GI Pipe of dia 80 mm & supply of material for concreting the road	Mtr	50				
	<b>TOTAL</b>						
<b>A</b>	<b>TOTAL FOR SUPPLY</b>						

(Sign & seal of Bidder)

## ERECTION PART

Sl No.	Description of Equipment / Activity	Unit	Qty	Unit Rate (Rs)	GST @ —%	GST Amt. (Rs)	Total Amt. (Rs)
			A	B			
1	Erection, installation, testing and commissioning of the High Mast with the help of suitable crane / equipment including cost of all materials, labour charges, all other incidental charges, etc. complete as per specification and direction for Sl No. 1& 2 of Supply part.	No	2				
2	Design and casting of suitable RCC foundation for the 30 Mtr High Mast considering the safety at the site load bearing capacity of 6T / sq.m. at 2 Mtr. depth, including cost of all materials, labour charges, all other incidental charges, etc. complete as per specification, direction & as per design.	No	2				
3	Excavation of UG cable trench from high mast to panel of size 300 X 600 mm, Laying of Cable through HDPE pipe & termination of the Cable of 3.5 Core X 50 sq.mm size (Sl. No. 5 of Supply part) & Cable of 3.5 Core X 25 sq.mm size (Sl. No. 6 of Supply part) along with the terminations etc. and necessary protection.	Mtr	500				
4	Construction of GI Pipe earth pit for high mast as per IS standard 2.5 Mtr. Length, 50mm dia with masonry chamber, funnel etc.	Nos.	2				
5	Road cutting up to 300 mm width, digging up to 600 mm depth and inserting of GI pipe of dia 80 mm. Filling back the same including leveling & concreting the surface.	Mtr	20				
6	Soil cutting under Railway Track up to 300 mm width, digging up to 600 mm depth and inserting of GI pipe of dia 80 mm. Filling back the same including leveling & concreting the surface.	Mtr	30				
	<b>Total</b>						
<b>B</b>	<b>TOTAL FOR ERECTION PORTION</b>						
	<b>GRAND TOTAL (A+B)</b>						

(In words Rupees \_\_\_\_\_)

(Sign & seal of Bidder)

We confirm that we will abide by all the tender terms and conditions and we do not have any counter conditions

Note:

- i. Price with condition(s) shall be liable for rejection.
- ii. Price should be quoted exactly as per the format and each page of price schedule to be signed with name and signature.
- iii. Price quoted should be all inclusive.
- iv. Conditional discount/ rebate etc. shall not be considered. In case, discount is offered that should be adjusted in the price and net price should be quoted.
- v. Above mentioned quantity is estimated only and payment shall be made based on the actual quantity used/quantity of work done.
- vi. The GST shall be mentioned as per the prevailing rates on the basic rate quoted. Any error by the bidder in quoting the GST rate will be corrected and total amount will be arrived for comparison.

**Seal**

( )

Name & Signature with date.

## Section XII – QUESTIONNAIRE

We have received your Tender enquiry cited and we are pleased to enclose the following as our technical bid for your kind consideration.

1. Our company's profile.

Sr No	Status of Firm	Local/Central GST (Copy Enclosed)	Income Tax PAN No(Copy Enclosed)	Banker & their Address	NSIC or DGS&D

2. Documents in support of eligibility criteria :

a) **Financial Soundness**

Sl. No	Description	2014-15	2015-16	2016-17
1	Annual Turnover			
2	Net Profit			
3	Net worth of the firm			

**(To be filled by tenderer. Please don't write like "attached" or "refer")**

b) **Experience:**

Sl. No	Company Name	Work Order No. & Date	Details of work	Order value	Date of completion
1					
2					
3					
4					
5					

**(To be filled by tenderer. Please don't write like "attached" or "refer")**

**Note: Please fill the details of the documentary proofs enclosed in the above tables**

- We confirm that we possess the necessary technical competence and financial resources as mentioned in Section -IX of this tender document, to ensure supply of the tendered item, as per your specifications and delivery schedule. Necessary documents like copies of Work orders, P/L Accounts, Balance Sheets are enclosed herewith.
- We have never been blacklisted /debarred by BRBNMPL.
- We confirm having been in the business continuously for the last three years. (documentary proof attached)
- We have also enclosed herewith DD No. \_\_\_\_\_ for Rs. \_\_\_\_\_ as EMD against this tender.

3. We confirm that we have quoted exactly for the tendered product as per your specifications given in Section VII.
4. We confirm that the Price bid is quoted exactly as per your format and is inclusive of material, labour and all statutory levies, duties, laying, freight, handling, loading, unloading charges, delivery at your Press.
5. We confirm that there would not be any price escalation during the supply period.
6. We confirm that we will abide by all the tender terms & conditions and we do not have any counter conditions. As required, we enclose herewith the complete set of copy of tender documents duly signed by us as a token of our acceptance.
7. We also confirm that the undersigned is duly authorized and have the competence to sign the contract for and on behalf of the firm.

Thanking you,  
Yours faithfully,

**Seal**

( )

Name & Signature with date.

Note: Copies of applicable Documents are attached herewith.

(Please enclose all Technical Documents related to the proposed modification.)

**CHECK LIST**  
(Please fill this check list and attach with technical bid)

Sl.No	Description	Enclosed	Remarks
1.	DD for Rs.500.00 as Tender fee	Yes/No	
2.	DD for Rs. 36,000/- as EMD	Yes/No	
3.	Tender Document Section I to Section XV duly sealed and signed	Yes/No	Please download the Section II & IV of tender document from <a href="http://www.brbnmpl.co.in">www.brbnmpl.co.in</a> then seal and sign it.
4.	Technical Bid –Section XII (Duly filled)	Yes/No	
5.	Purchase order /Work order copy or completion certificate as proof of experience	Yes/No	
6.	Chartered Accountant certificate /PL statements certified by Chartered Accountant as proof for Financial Soundness (shall highlight Turnover, Net worth and Profit).	Yes/No	
7.	Certificate as per Annexure-A	Yes/No	
8.	PAN Card copy	Yes/No	
9.	Copy of GST registration certificate	Yes/No	

**Note: Please don't enclose the papers like Corporate Profile, Introduction about Sales and service etc.**

**Seal and Signature**

**To Whomsoever It May Concern**

This is to confirm that We M/s .....have not been blacklisted / debarred by BRBNMPL / Government of India in past 5 years.

Dated this .....day of .....

For & on behalf of

(Seal & signature with date)

(Name and Designation)

Duly authorized to Sign tender

(To be filled, signed & stamped and submitted along with Techno-commercial bid)

**Confidentiality Statement**

“The information, which is contained in this document will not, in whole or in part be reproduced, transferred to other documents/ electronic media or disclosed to others without written consent of BRBNMPL.” We shall also undertake to maintain secrecy, exclusivity and confidentiality of the high security currency printing environment of BRBNMPL.

Dated this .....day of .....

For & on behalf of

(Seal & signature with date)

(Name and Designation)

Duly authorized to Sign tender