



भारत सरकार / Government of India

पत्तन, पोत परिवहन और जलमार्ग मंत्रालय

दीपस्तंभ एवं दीपपोत निदेशालय

Directorate of Lighthouses & Lightships

“दीपभवन”, 44-बी.एस. रोड / “Deep Bhavan”, No- 44 B.S.Road

पोर्ट ब्लेयर / Port Blair – 744 101

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Fl. No CM-PB-01031/1/2022-CM-PB

दिनांक: 29.04.2024

NOTICE INVITING BID

For and on behalf of the President of India, the Director of Lighthouses and Lightships, Deep Bhavan, 44-B. S Road, Port Blair, invites sealed bid for the work **“Periodical Repair and Maintenance of Tillangchang Lighthouse Tower under Port Blair Directorate.”**

| Sl.No | Details | Description |
|-------|---------------------------------------|--|
| 1 | Name of work | Periodical Repair and Maintenance of Tillangchang Lighthouse Tower under Port Blair Directorate. |
| 2 | Location | Tillangchang Lighthouse, Tillangchang Island, Nicobar |
| 3 | Estimated Cost of Work | Rs.1,83,081/- |
| 4 | Period of completion of work | 03 months |
| 5 | Earnest Money Deposit | Bid security Declaration as per prescribed format shall be submitted. |
| 6 | Period of validity of Bid | 90 days |
| 7 | Last date of submission of sealed Bid | 08/05/2024 upto 1500 hrs |
| 8 | Date of opening of bid | 08/05/2024 upto 1530 hrs |
| 9 | Place of opening of Bid | Director of Lighthouses and Lightships, Deep Bhavan, 44-B.S Road, Port Blair |
| 10 | Essential Documents | 1) Proof of satisfactory completion of similar works during last 7 years in Central/State Government. Similar work means civil works including painting |
| | | 2) Permanent Account Number and GST registration |
| | | 3) Acceptance letter |
| | | 4) Undertaking |

The bids can be downloaded from CPP portal <https://eprocure.gov.in/epublish/app> and can be seen on the department website www.dgll.nic.in. No physical sale of bid. The bid shall be submitted with Bid Security Declaration and other supporting documents.

Director

Directorate of Lighthouse and Lightships Port Blair

SCHEDULE OF WORKS

| Name of work: - Periodical Repair and Maintenance of Tillangchang Lighthouse Tower under Port Blair Directorate. | | | | | | |
|---|---|----------|------|--------------------------------|-------------------------------|------------------------|
| Sl. No | Description of items | Qty. | Unit | Rate in Figure (Including GST) | Rate in Words (Including GST) | Amount (Including GST) |
| 1 | Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and sapling of girth up to 30cm measured at a height of 1mtr above ground level and removal of rubbish up to a distance of 50m outside the periphery of the area cleared as directed including the cost of all labours, tools and plants & all other charges etc. complete | 2,475.00 | Sqm | | | |
| 2 | Synthetic enamel painting to the previously painted Surface of GI Trestle Tower (24m high) with approved first quality, brand, colour (Asian/Berger/Dulux/Nerolac-high glossy) in two or more coats at all heights after removing, cleaning the worn out old painted surface as directed and applying primer coat on worn out places after cleaning as required and as directed including the cost of all materials, labour, transportations, tools & plants, providing proper bowsom chair/jhulla/scaffolding, and all other charges etc., complete as directed by the engineer-in-charge. | 274.21 | Sqm | | | |
| 3 | Engaging Mechanised dinghy along with safety boat with one operator and one helper for each dinghy/boat for the inspection of site by officials including the cost of fuel, labour charges, tools & plants and all other Charges etc. complete. | 3.00 | Trip | | | |
| | Total | | | | | |

The amount Quoted above is inclusive of all taxes & charges.


Director

TERMS AND CONDITIONS

1. The work is to be carried out at **Tillangchang Lighthouse** at, Tillangchang Island, Nicobar.
2. The time allowed to complete the work is 03 months from the date of issue of Work Order.
3. The rate quoted shall include all taxes with GST.
4. The work shall be carried out as per standard specifications and the materials shall be got approved before use in the work. Inferior work shall be rejected.
5. Payment shall be made as per actual measurements on First & Final bill for the actual work carried out after deducting Income tax at sources as applicable.
6. The successful bidder shall be required to submit a Fixed Deposit Receipt Performance Bank Guarantee equivalent to 10 % of the contract value, which will remain valid for Sixty days, beyond completion of works. Performance Guarantee shall be refunded after 03 months of completion of work subject to no defects.
7. The bidder shall submit PAN number.
8. In case the Contractor fails to complete the work at any stage, the Director reserves the right to get the work completed through any agency and any excess amount incurred shall be recovered from the Contractor from any sums lying with the Directorate.
9. Any error in description, quantity or rate in schedule of works, or any omissions there from shall not vitiate the contract or release the contractors from the execution of the whole or any part of the works comprised therein according to drawings and specifications or from any of his obligations under the contract.
10. The execution of any items of work where any incidental work is actually required but not specifically stated in the Bid, it is to be understood that the amount quoted by the contractor shall cover such charges also and nothing extra on account of such incidental charges, if any, shall be paid.


DIRECTOR

Special conditions of contract

- 1.1 Material: All the materials proposed to be used in the work shall confirm to the latest version of relevant codes/specifications of Bureau of Indian standard and as per direction of Director of Lighthouses and lightships or his authorized representative. No materials will be supplied by the department. The procurement will be the sole responsibility of the contractor and all delays will be to the contractor's account. No extra payment will be made for escalation in cost of materials and labour.
- 1.2 Water Supply: The water required for the Drinking purpose to the labours/workers has to be arranged by the contractor from the outside of the site premises. The sump for the storage of water to the required capacity at site to be arranged by the contractors. The tapping of underground water from site which are coming under CRZ zone is highly objectionable under environmental act.
- 1.3 Electricity: The Electrical Power supply for the work purpose if any, to be obtained by the contractor himself and also electrical running charges to be paid by the contractor to the Electricity Authority during the entire work period. Contractors should make their own arrangements, for Generator sets of required capacity for the work purpose in case of the Power failure without affecting the progress of work. Any delay in progress of work due to power failure will not be considered by the Department for the extension of time.
- 1.4 The contractor shall provide all necessary superintendence during execution of the work by employing qualified technical representative as site-in-charge with a minimum professional service of 2 years for graduate engineer or 5 years for diploma engineer.
- 1.5 The samples of cement, aggregate, tiles, paints and all other materials used in the construction/Maintenance work shall be submitted by the contractor for approval before the commencement of work.
- 1.6 The contractor shall submit the programme, detailed work procedure in which he purposes to carry out the work including arrangement of all tools and plants, machinery and equipment required for execution of work. The submission of programme for approval of Director shall not relieve the contractor from any of his duties and responsibilities under the contract.
- 1.7 All labours, materials, tools, plants, machinery, equipment, water, electricity and any other things required for execution of work shall be arranged by contractor at his own cost.
- 1.8 The work shall be carried out in the manner, complying in all respect with the requirement of relevant byelaws of national, state and local bodies under the jurisdiction of which the work is to be executed and nothing extra shall be paid on this account.

- 1.9 The rates for all items of work, unless clearly specified otherwise, shall include the cost of all labour, materials, all transportation cost upto worksite and other inputs involved in the execution of the work.
- 1.10 Unless otherwise provided in the schedule of quantities the rates tendered by the contractor shall be all-inclusive and shall apply to all heights, depths, leads and lifts.
- 1.11 All tools, plants and machinery provided by the contractor shall when brought to the site, be deemed to be exclusively intended for execution of this work and the contractor shall not remove the same or any part thereof without the consent of the Director.
- 1.12 All arrangement for establishment, watch & ward of stores and security of sites, police permission, permits, license, appropriate vehicles for transportation etc. shall have to be made by the contractor at his own cost and nothing extra on these accounts shall be paid.
- 1.13 Scope of Work: Painting of Trestle Tower, cleaning of lighthouse premises, replacing of angles of Trestle Towers wherever required. The painting material, shade, make shall be approved by representative of DLL, Port Blair prior to its consumption/utilization for work.



DIRECTOR

GENERAL SPECIFICATIONS

1 Scrapping, cleaning of corrosion and old paint of the Lighthouse Tower

The corroded surface of the Lighthouse tower shall be cleaned thoroughly and old paint to be removed with utmost care without causing any damage to the surface of lighthouse Tower. On removal of corrosion will be inspected by the site engineer / representative of Director, only after satisfactory completion of removal of corrosion and old paint, the contractor shall apply layer of primer.

2 Painting

2.1 Materials

Paints of approved brand and manufacture shall be used. Only ready mixed Paint (Exterior grade) as received from the manufacturer without any admixture shall be used. If for any reason, thinning is necessary in case of ready mixed Paint, the brand of thinner Recommended by the manufacturer or as instructed by the Engineer-in-Charge shall be used.

Approved Paints shall be brought to the site of work by the contractor in their original containers in sealed condition. The material shall be brought in at a time in adequate quantities to suffice for the whole work or at least a fortnight's work. The materials shall be kept in the joint custody of the contractor and the Engineer-in-Charge. The empties shall not be removed from the site of work, till the relevant item of work has been completed and permission obtained from the Engineer-in-Charge.

2.2 Commencing Work

Painting shall not be started until the Engineer-in-Charge has inspected the items of work to be painted, satisfied himself about their proper quality and given his approval to commence the painting work. Painting of external surface should not be done in adverse weather condition like rain and dust storm.

2.3 Preparation of Surface

All rust and scales shall be removed by scrapping or by brushing with steel wire brushes. Hard skin of oxide formed (corrosion) on the surface of wrought iron during rolling which becomes loose by rusting, shall be removed. All dust and dirt shall be thoroughly wiped away from the surface. If the surface is wet, it shall be dried before priming coat is undertaken.

2.4 Application

Before pouring into smaller containers for use, the Paint shall be stirred thoroughly in its containers, when applying also, the Paint shall be continuously stirred in the smaller containers so that its consistency is kept uniform. The painting shall be

laid on evenly and smoothly by means of crossing and laying off, the latter in the direction of the grains of wood. The crossing and laying off consists of covering the area over with Paint, brushing the surface hard for the first time over and then brushing in opposite direction, two or three times and then finally brushing lightly in a direction at right angles to the same. In this process, no brush marks shall be left after the laying off is finished. The full process of crossing and laying off will constitute one coat.

Depending on the nature and location of work to be carried out. Skilled and experienced workmen shall be employed for this class of work. Paints used shall be brought to the requisite consistency by adding a suitable thinner.

No left over Paint shall be put back into the stock tins. When not in use, the containers shall be kept properly closed.

No hair marks from the brush or clogging of Paint puddles in the corners of panels, angles of moldings etc. shall be left on the work. On painting steel work, special care shall be taken while painting over bolts, nuts, rivets overlaps etc.

The additional specifications for primer and other coats of Paints shall be as according to the detailed specifications under the respective headings.

2.5 Brushes and Containers

After work, the brushes shall be completely cleaned of Paint and linseed oil by rinsing with turpentine. A brush in which Paint has dried up is ruined and shall on no account be used for painting work. The containers when not in use, shall be kept closed and free from air so that Paint does not thicken and also shall be kept.

2.6 Painting with Synthetic Enamel Paint

Synthetic Enamel Paint (conforming to IS 2933) of approved brand and manufacture and of the Required colour shall be used for the top coat and an undercoat of ordinary Paint of shade to match the top coat as recommended by the same manufacturer as far the top coat shall be used.

3 List of approved make/ brand of material for civil works

| Sl.No. | Name of Material | Approved Make |
|--------|----------------------------|--|
| 1 | Paints & Primers | Asian/ Berger/ Dulux/ Nerolac/ or equivalent approved by DLL |
| 2 | Water proofing Compound | Pidilite/ Dr. Fixit/Fosroc |
| 3 | Putty for CI metal surface | Iroseal or Equivalent |

4. The shades of paint colors

The paints shall be procured and used for the work as per shades mentioned below

Synthetic Enamel Paint

| Sl.No. | Color | Shade | Component |
|--------|-------|-----------------------------|----------------------------|
| 1 | White | Snow white/ Brilliant White | Trestle Tower |
| 2 | Red | Signal Red | Trestle Tower |
| 3 | Green | Bus green | Automation box, & Handrail |
| 4 | Black | Black | Gate, Pedestal etc. |

Note:

1. Regarding selecting the make against each item among the approved makes as specified above, decision of DLL shall be final. The DLL reserves the right to approve any other brand/manufacturer in addition to above list.
2. Paint brand/ make shall be approved by the Engineer in charge.
3. Primer, putty brand/ make shall be approved by the Engineer in charge
4. The other items shall be as per CPWD specification or ISI mark approved by engineer in charge.


DIRECTOR

BID ACCEPTANCE LETTER

(To be given on Company Letter Head)

Date:

To
The Director,
Directorate of Lighthouses & Lightships,
Deep Bhavan, 44, B.S Road,
Port Blair – 744 101

Sub: - “Periodical Repair and Maintenance of Tillangchang Lighthouse Tower under Port Blair Directorate.”.

NIT Reference No: - **CM-PB-01031/1/2022-CM-PB**

Name of Tender/Work:

Dear Sir,

- i. I/We have downloaded/obtained the tender document(s) for the above mentioned Bid/Work’ from the website(s) namely;
_____ as per your advertisement, given in the above mentioned website(s).
- ii. I/We hereby certify that I/We have read the entire Terms & Conditions of the Bid Documents which form part of the contract agreement and I/We shall abide hereby the terms/conditions/clauses contained therein.
- iii. The corrigendum(s) issued from time to time by your department/organization too have also been taken into consideration, while submitting this acceptance letter.
- iv. I/We hereby unconditionally accept the Bid condition of above mentioned Bid document(s) / corrigendum(s) in its totality/entirety.
- v. In case any provisions of this Bid is found violated, then your department/organization shall without prejudice to any other right or remedy be at liberty to reject this tender/bid including the forfeiture of the full said performance Guarantee absolutely.

Yours faithfully,

(Signature of the Bidder, with Official Seal)

UNDERTAKING

(To be given on Company Letter Head)

Name of Work: **“Periodical Repair and Maintenance of Tillangchang Lighthouse Tower under Port Blair Directorate.”**

I.....son of Shri..... authorized signatory to sign the bid on behalf of M/S

..... do hereby give an undertaking that

- (i) the price bid does not contain any condition.
- (ii) we have not made payment or illegal gratification to any person/authority connected with the bid process, so as to influence the bid process and have not committed any offence under PC Act in connection with the bid.

(Seal of the Company)

Date..... Signature of the bidder.....

or his Authorized Signatory Place.....

Name of the bidder..... or his Authorized signatory

BID SECURING DECLARATION

(On letter head of the firm)

Name of Work: **“Periodical Repair and Maintenance of Tillangchang Lighthouse Tower under Port Blair Directorate.”**

I _____ son of Shri _____, Proprietor/Partner of M/s _____ hereby declare that if I/my/our firm withdraw or modify my/ our Bid during the period of validity or if the contract will be awarded to me/my/our firm and I/we fail to sign the contract or to submit a performance security before the deadline for the work of “_____”, I/my/our firm will be suspended for the period of 03 years from being eligible to submit Bids for contracts with the Director, Directorate of Lighthouses & Lightships.

Date:

Signature with seal of Bidder