

TENDER PAPER FOR

Schedule Bid for
Expression of Interest for
selection of Vendor for
Supply & Installation of
Solar Street Light System



Block Development Officer
Dhenkanal Sadar
17/01/26

Block Development Officer, Dhenkanal Sadar

Crucial Details of Tender Call Notice

TENDER CALL NOTICE NO	:	
Name of the Work	:	Supply & Installation of Solar Street Light System & Mini High Mast Light of LED based
Cost of Tender Document	:	Rs.4000/- (Rupees. Four Thousand) Non-Refundable
Performance Guarantee	:	2% (details in the DTCN)
AGENCY	:	As per eligibility criteria
Period of Sale/Down load of Tender documents	:	17.04.2026 to 02.05.2026
Last date for receipt of filled in tender documents	:	02.05.2026 1.00 PM
Place and date of opening of bid	:	Office of the Block Development Office 04.05.2026 10.00 AM
Officer Invited the Tender		Block Development Officer Dhenkanal Sdaar

Signature of Bidder/Agency


**Block Development Officer
Dhenkanal Sdaar**
17/04/26

Dhenkanal Sadar Block

TENDER PAPER


TECHNICAL TENDER DOCUMENT (To be enveloped with the technical documents)

NAME OF THE WORK: Schedule Bid for Expression of Interest for selection of Vendor for Supply & Installation of Solar Street Light System.

Enclosing along with other documents, Bank draft No...../Dt.....,

amounting to Rs.....is attached herewith towards tender paper cost.

Signature of Bidder/Agency


Block Development Officer
Dhenkanal Sadar, 26



PANCHAYAT SAMITI OFFICE, DHENKANAL SADAR

At/PO/Dist.-Dhenkanal, Odisha-759001

Phone-06762-224485

e-Mail-ori-bdhenkanal@nic.in

No. 1228 /2026

Date: 17.04.2026

Invitation of Expression of Interest

Block Development Officer, Dhenkanal Sadar invites sealed bid on Expression of Interest are invited from the intending reputed and ISO certified firms/Manufacture/ Authorized dealer with having valid HT/LT license wherever as applicable. The bidder who fulfills all the qualification and criteria as specified can submit the expression of interest for the purpose. The quoted price shall be exclusive of GST but inclusive of other taxes and conveyance charges for supplying, installation, commissioning including erection and post maintenance for 3 years warranty for replacement in-situ in different area of Sadar Block.

The detailed specifications, General Term & Condition Scope of work has been provided in scheduled bid document Aneexure-I, II , III & IV.

The bid documents can be obtained from the Block Development Officer, Dhenkanal sadar on deposit of Rs.4000/-(Rupees. Four Thousand) only (Non-Refundable) towards tender paper cost in shape of Bank Draft drawn in favour of Block Development Officer, Dhenkanal Sadar payable at any bank of Dhenkanal during the office hours from 17.04.2026 to 02.05.2026 (Excluding holidays) towards cost bid papers. The bids shall so as to reach to the Panchayat Samiti Office, Dhekanal Sadar through registered post/ speed post/courier only up to 02.05.2026 1.00 PM and the bid shall be opened on 04.05.2026 10.00 AM in presence of tenderer or their authorized representatives who may be present at the time of opening of tender. Block development Officer will no way be responsible for any delay in receipt of Tender documents.

The filled up bid documents shall be enclosed in a sealed envelope super scribing "Bid for Supply & Installation of Solar Street Light System and Mini High Mast Light of Dhenkanal Sadar Block. The bid papers completed in all aspect shall be submitted to "Block Development Officer" through speed post / registered post/ Courier only. The bid documents received beyond the stipulated date and time agencies shall be rejected.

The scheduled bid documents can also be down loaded in <http://dhenkanal.odisha.gov.in> . In such case the bidder shall enclose Bank Draft/ Demand Draft of Rs.4,000/-(Rupees. Four Thousand only) (Non-Refundable) towards tender paper cost drawn in favour of Block Development Officer, Dhenkanal Sadar along with the bid papers as a cost of bid documents. This quotation call notice also available in the above mentioned website for wide publication & downloading the quotation paper.


The authority reserves all rights to cancel all bids or any of the bid documents without assigning any reason thereof. The tender / quotation call shall be valid for one year and any similar kind of work will be taken up by his office considering this bid documents.


Block Development Officer
Dhenkanal Sdaar. 17/4/26




Memo No. 1229 /dt. 17.04.2026

Copy Submitted to the Sub-Collector, Dhenkanal /Tahasildar, Dhenkanal / EO, Municipality Dhenkanal/ CDPO Dhenkanal Sadar/ BAO, Dhenkanal Sadar/ AHO, Dhenkanal Sadar/BEO, Dhenkanal Sadar with request to display the above quotation in their notice board .


Block Development Officer
Dhenkanal Sadar 17/04/26

Memo No. 1230 /dt. 17.04.2026

Copy Submitted to the DeGM, Dhenkanal/ DIO-NIC, Dhenkanal to hoist the above quotation/advertisement in the district web portal.


Block Development Officer
Dhenkanal Sadar 17/04/26

ANNEXURE-I

1. Description of item along with technical specification (LED based Street Light)(Estimated Cost Rs.30,000/-)

1. Supply & Installation of integrated solar street light(all in one) system of 30 watt light with approved branded company having MNRI/other requisite certification and Lithium Ferro Phosphate battery & High efficiency solar charge controller, automatic dusk to dawn separation system and other specification design.

(a) With Pole:- G.I Tubular Pole such as requisite height (mentioned in the technical specification) with base plate including foundation and anchor bolts up to ground level and concrete coupling above GL with all fitting clamps complete as per direction of the Engineer/Officer In Charge.

(b) Depth of Concrete work.

Other Description

SI No.	Specification	Details (Minimum Requirement)	Remarks
01	LED Make	OSRAM/MVB	
02	Viewing Angle	Min 120 degree	
03	LED lumen Out put	>180 W	
04	Dusk to Dawn facility	Should be provided by vendor	
05	Body should be power coated	Should be provided by vendor	
06	IP 68 Protection	Should be provided by vendor	
07	Body	Aluminum Powder coated	
08	Charging indication	Yes	
09	Battery low indication	Yes	
10	Fault indication	Yes	
11	Light Backup time	Full night battery saver technology	
12	Adjustable luminary direction	Should be provided by vendor	
13	Solar panel replacement warranty shall be 12 years		
14	Solar Panel	30 watt solar LED semi integrated street light with 80wp solar panel, 12.8 volts 30 Ah Life po-4 Battery	

- The above remarks column shall be filled with **Yes/Available** or **No/Not Available**, if the concerned vendor/agency is providing LED based solar light with that specification. Keeping remarks column blank will be considered as in completed bid
- Comprehensive warranty of minimum 3 years on complete system from the date of installation, warranty shall cover faulty product, manufacture defects, poor workmanship, installation mishandling etc.
- Towards Annual maintenance performance security@2% will be deducted from the work bill and subsequently be released after completion of warranty period. In case of vendor unable to provide service in those 3 years period, the performance security of all works shall be forfeited and will be used for the service of that particular point. Subsequently notice will be issued for blacklisting of that vendor and considering this tender paper as an agreement from vendor side.FIR shall be issued for non fulfillment of terms and condition.

Installation SPECIFICATION FOR FIXATION OF LED STREET LIGHT	
With clear 6 mtr HOB Tabular pole and Bracket	
Clear Height	5 mtr above the ground level 1 mtr (requisite depth as required) below the ground level
Thickness of Pole(Minimum)	Min 3mm
Top Diameter & Bottom Diameter	Min 60 mm
Size of bracket pipe(Minimum)	Minimum 45 mm outer dia
Concrete	m-20 grade connecting with concrete ratio 1:1:5:3

- Welding and fixation of G.I tubular pole
- Protection against mechanical and electrical failure should be provided so the defected should be deducted during the warranty / guaranty period.
- Protection against electrical shock earthing and its earthing terminals should be done properly.
- Transparency board at the beginning / end of a street light pole series shall be provided by vendor and details to be mentioned will be provided by the Officer-in-charge.

Signature of Bidder/Agency


 Block Development Officer
 Dhenkanal Sadar.

ANNEXURE-II

2. Description of item along with technical specification (Supply & Installation of Solar Mini High Mast Light

1. Supply & Installation of integrated Mini High Mast Light of (3 no of 60 w light on each pole) light with approved branded company having MNRI/other requisite certification and Lithium Ferro Phosphate battery & High efficiency solar charge controller, automatic dusk to dawn separation system and other specification design.

(a) With Pole:- G.I Tubular Pole such as requisite height (mentioned in the technical specification) with base plate including foundation and anchor bolts up to ground level and concrete coupling above GL with all fitting clamps complete as per direction of the Engineer/Officer In Charge.

Other Description

Sl No.	Specification	Details (Minimum Requirement)	Remarks
01	LED Make	OSRAM/MVB	
02	Viewing Angle	Min 120 degree	
03	LED lumen Out put	>160 W	
04	Dusk to Dawn facility	Should be provided	
05	Body should be power coated	Aluminum power coated	
06	IP 68 Protection	Should be provided	
07	Charging indication	Yes	
08	Battery low indication	Yes	
09	Fault indication	Yes	
10	Light Backup time	Full night battery saver technology	
11	Adjustable luminary direction	Should be provided	
12	Solar panel replacement warranty shall be 12 years	Should be provided	
13	Solar panel	60 watt solar LED semi integrated street light with 100wp solar panel, 12.8 volts 50 Ah Life po-4 Battery	

- > The above remarks column shall be filled with **Yes/Available** or **No/Not Available** if the concerned vendor/agency is providing LED based solar Mini Mast Light with that specification. Keeping remarks column blank will be considered as in completed bid.
- > Comprehensive warranty of minimum 3 years on complete system from the date of installation, warranty shall cover faulty product, manufacture defects, poor workmanship, installation mishandling etc.
- > Towards Annual maintenance performance security@2% will be deducted from the work bill and subsequently be released after completion of warranty period. In case of vendor unable to provide service in those 3 years maintenance period the performance security of all works shall be forfeited and will be used for the service of that particular point. Subsequently notice will be issued for blacklisting of that vendor and considering this tender paper as an agreement from vendor side. FIR shall be issued for non fulfillment of terms and condition.

Signature of Bidder/Agency


Block Development Officer
Dhenkanal Sadar

Installation SPECIFICATION FOR FIXATION OF LED Mini High Mast Light	
With clear 8 mtr HOB Tabular pole and Bracket	
Clear Height	7 mtr above the ground level 1mtr (requisite depth as required) below the ground level
Thickness of Pole(Minimum)	Min 3mm
Bottom Diameter	Min 135 mm
Top Diameter	70 mm
Size of bracket pipe(Minimum)	Min 75 mm Outer Diameter
Concrete	m-20 grade connecting with concrete ration 1:1:5:3
Materials	Galvanized Iron

- > Welding and fixation of G.I tubular pole
- > Protection against mechanical and electrical failure should be provided so the defected should be deducted during the warranty / guaranty period.
- > Protection against electrical shock earthing and its earthing terminals should be done properly.
- > Transparency board at the installation point of Mini High Mast Light pole shall be provided by vendor and details to be mentioned will be provided by the Officer-in-charge.

Signature of Bidder/Agency


Block Development Officer
Dhenkanal Sadar


Annexure-III

Financial Bid			
Description of Item	Unit	Integrated All in One Type	
		In figure	In words
Supply of All -In- One solar led based street light system with approved branded company having requisite certification /MNRI APPROVED of integrated solar street light system as per technical specification.			
Mini high mast light (3 no. of 60 w lights on each pole)	1 set		
Solar based street light (30 Watt)	1 set		

Note:-

- The price should be quoted per unit only inclusive of all incidental Cost & Truces, Transportation cost, labour cost, warranty, Office Set up & installation cost etc.
- GST should be quoted separately as applicable.

Signature of Bidder/Agency


 Block Development Officer
 Dhenkanal Sadar


Declaration by the Bidder

I/ We..... (hereafter referred to a Vendor) being desirous for participating the quotation for selection of the vendor for supply of fitting, fixing & Commissioning etc of solar based LED street light/high mast light having fully understand the nature of the work and having carefully noted all the terms and conditions, specifications etc as mentioned in the quotation call notice and tender documents do hereby declare that:-

1. The bidder is fully aware of all the requirements of the tender documents and agrees all provisions of the tender documents and accepts all risks, responsibilities and obligations directly or indirectly connected with the performance of the tender
2. The bidder is fully aware of all the relevant information for proper execution of the proposed work with respect to the proposed plan of work/site, the local environment, approach road and connectivity etc. and as well as acquainted with actual and other prevailing working conditions, availability of required materials and labour etc. at site.
3. The bidder is capable of executing and completing the work as required in the tender and is financially solvent and sound to execute the work. The bidder is sufficient experienced and competent to perform the contracts to the satisfaction of terms & condition. The bidder gives the assurance to execute the tendered work as per specification terms and conditions of the tender on award of work.
4. The bidder has no collusion with other bidders, any employee of other organization.
6. The bidder is familiar with all general and special laws acts ordinance, rules and regulations of the District, State and Central Govt that may affect the work, its performance or personnel employed therein.
7. The offer shall remain valid for acceptance for 1(one) year from the date of finalization of tender
8. The bidder has never been debarred from similar type of work by any departments.
9. All the information and statements submitted with the tender schedule are true. In Case any information / statement is found to be false at letter stage my tender may out rightly be rejected and I shall be liable to pay all the losses incurred by Block administration against the tendered work
10. The decision of the authority will be final and binding.
11. The bidder is fully aware of the fact that in case of repair & maintenance, He/She is legally bound to provide service within maximum 7 days of the receipt of the complain through mail id or mobile number so provided. In case of failure to provide service within the stipulated time, the SD/Performance guarantee so kept will be forfeited, case will registered against the bidder for non fulfillment of terms and condition of agreement and will be debarred as agency by the department. The forfeited amount shall be used for repair and maintenance of particular, street light / high mast light point(s).

I do hereby accept the decision of the tender inviting authority unconditionally.

Signature of the Bidder with Seal


Block Development Officer
Dhenkanal Sadar
21/11/26

CHECK LIST FOR SUBMISSION OF DOCUMENTS

Documents to be enclosed:

1. Copy of valid Electrical & MV/HT License, if applicable
2. Copy of audited balance sheet and profit/ loss account for the last 2 years
3. Certificate from Authorized Agent / copy of work order as proof of experience in LED based Solar Street Light System fire during last three(03) years.
4. Xerox copy of Income Tax/ PAN CARD of the firm with last 2 years IT Return and GST Certificate.
5. Original Demand draft toward cost of tender paper
6. Undertaking to unconditional acceptance of all terms and conditions of the bid document
7. Technical Bid
8. Financial Bid (to be enclosed in closed envelop)
9. Registration Certificate of the Firm /Individual/ Joint Venture, if applicable
10. Other documents, if any, as the bidder wants to enclose


Signature of bidder with seal


Block Development Officer
Dhenkanal Sadar 15/01/26

General Terms and Conditions:

1. The bid documents to be submitted in sealed cover and shall contain a copy of tender document as a token of acceptance of terms and condition. Attested copy of valid registration certificate, PAN card & valid GST registration.
2. The sealed cover shall carry two number of sealed envelope i side.
 - a. One cover for technical bid containing all the documents, related Bank drafts, technical bid paper, etc., clearly superscript as TECHNICAL BID on the envelope.
 - b. One cover for financial bid containing only financial bid enclosed in the sealed cover of FINANCIAL BID on the envelope.
3. The technical bid will be evaluated first. The financial bid will be opened and evaluated of successfully qualified technical bidders only. The financial evaluation will be done on L1 basis for each item of work. The work order will be awarded to the most responsive L1 bidder. However, the authority reserves right to accept or reject the L1 rate offered by the bidder.
4. The offer shall be valid for minimum of 1 (one) year from the date of finalization of tender.
5. The bidder shall sign an agreement with the undersigned for warranty coverage & maintenance within the prescribed format.
6. The bidder shall bear insurance, force measure damages, inventory storage facility. replacing the defect materials, service center setup, etc. at his own cost.
7. The successful bidder shall deposit additional 2% of the agreement value as EMD in form of bank DD in favour of BDO, Dhenkanal Sadar during execution of agreement. If the work order issued to the particular vendor does not carry within 30 days. The work order shall be cancelled and EMD shall be forfeited.
8. Limitation of liability- the authority/Govt. will in no case be responsible for any accidental fatal or non-fatal, caused by any worker or outsider in course of transportation and execution of work. The cost of experience including treatment or compensation will entirely be borne by the bidder.


Signature of Bidder/Agency


Block Development Officer
Dhenkanal Sadar 17/04/26

SCOPE OF WORK

1. The board scope of the work would be designing, supply, installation, commissioning and maintenance for a period of 3 years from the date of handing over the specified solar street light system. The work will be executed at different villages areas under Sadar Block dhenkanal
2. The firm or supplier shall have to execute the work as per technical and conditions specified in the tender terms document/work order and approved price.
3. The bidders are advised to make an assessment and collect all necessary information regarding type of approach to the Village/GP area and mode of transportation to the execution site.(Initially Sarion of Kankadahada GP and Balabhadrapur of Sankulei GP).
4. The firm or supplier shall maintain adequate inventory and safe storage of the equipments before erection of Street light.
5. Requisite height cement pedestal shall be constructed by the firm or supplier at the base before erection of solar light system. In order to prevent the rusting and the required coat of paint should be made.
6. The Authority/ Officer-In-Charge will provide the list location along with work order and point of installation of the solar street light.
7. Warranty certificate to be furnished along with the commissioning report to the Officer-In-Charge by the Agency or Vendor.
9. The bidder shall take all responsibility to supply, install and commissioning of the solar street light system within the schedule time mentioned in the work order/agreement. If the contractor fails to adhere to the schedule, it will be liable for penalty. The penalty will be levied equivalent to 1% of delivery price of the delayed good or unperformed services for each week of delay up to a maximum deduction of 10% of the contract price. On exceeding the maximum limit of delay, the authority reserves the right to terminate the contract and forfeit the security deposit without prejudice.
10. No price escalation due to any reason shall be considered by the authority during the validity period of the contract agreement.
11. Comprehensive maintenance contract CMC of the complete system of the 3 year warranty period on entire Solar street light structure shall be executed between the Officer-In-Charge & the firm or supplier.
12. The firm shall after completion and commissioning of the systems to submit all details of the installed system like system details installation reports in a prescribed format. Photography evidence on proof of delivery is essential and to be submitted at the time to claim..
13. Permission from appropriate authority for installation of solar Light in new pole or existing pole shall be obtained by the bidder on his own responsibility as per the prevailing norms.
16. The date of commissioning including the year should be clearly mentioned /engraved/mark in the fitted solar light electrification pole for future reference.

Signature of Bidder/Agency


17/11/26
B.D.O