

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	19-11-2025 18:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	19-11-2025 18:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Ministry Of Ports, Shipping And Waterways
विभाग का नाम / Department Name	Na
संगठन का नाम / Organisation Name	Directorate General Of Lighthouses And Lightships
कार्यालय का नाम / Office Name	Gandhidham
कुल मात्रा / Total Quantity	2227
	Supply and installation of double arm pole , Supply and installation of single arm pole , Supply and installation of LED Street lights , Supply and installation of Garden Bollard type pole and 15W LED Lantern , Supply and installation of 100W colour flood light , Supply and installation of 50W flood light , Supply and installation of 1.5 Sq.mm X 3C Armoured cable , Supply and installation of Electrical pole Junction Box , Supply and installation of 30A, 6 way Close type connector , Supply and installation of 6A, 240V Single pole MCB , Supply and fabrication of copper clamp by using 25X3mm copper strip , Supply and installation of 1.5sq.mmX3C PVC insulated and sheathed coper flexible cable , Supply and installation of 25 mm PVC Pipe , Supply and installation of 10A, 2P, MCB in Power House , Supply and installation of 6 way MCB Distribution Board , Supply and installation of 25mm steel wire Reinforced PVC flexible pipe , Supply and laying of 50mm UPVC pipe for road crossing , Supply and installation of Miscellaneous items , Labour charges for excavation of cable trench , Excavation for pole foundation , Construction of footing structure , Applying cement primer , Applying Signal Red Paint , Applying Metal Primer , Applying Aluminium Paint , Demolishing of existing 29 footing structure , Labour charges for laying of pipes in road crossings and UG cable markings with red colour bricks , Supply and installation of 2M modular switch board box with matching frame plate and cover plate , Supply and installation of 3M modular switch board box with matching frame plate and cover plate , Supply and installation of 4M modular switch board box with matching frame plate and cover plate , Supply and installation of 6M modular switch board box with matching frame plate and cover plate , Supply and installation of 8M modular switch board box with matching frame plate and

वस्तु श्रेणी /Item Category	बिड विवरण/Bid Details
	<p>cover plate, Supplying and fixing 6A Modular Switch and socket on the existing modular plate and switch box including connections , Supplying and fixing 3 pin 6A Modular socket outlet, on the existing modular plate and switch box including connections , Supplying and fixing 16A Modular Switch on the existing modular plate and switch box including connections , Supplying and fixing 6 pin 16 Modular Socket on the existing modular plate and switch box including connections , Supply and installation of 16A universal extension board , Supply and installation of 1M Modular Electronics Fan Regulator , Supply and installation of 4 Way SPN DB with earth connection. , Supply and fixing 6A MCB , Supply of 300mm PVC Dom Exhaust fan for installation in power house in the existing opening , Installation of 300mm exhaust fan , Extra carpentry work including supply and fixation of 19mm plywood on the exiting and SS net fixation at the outer side of opening , Supply and installation of 12W, Round surface LED Light , Supply and fixing Modular angle holder , Supply and installation of Self Ballasted 20W LED Lamp , Supply of 1200mm ceiling fan , Installation testing and commissioning of ceiling fan , Supply and Installation of Rotational Adjustable PVC Street light wall mount stand , Supply and Installation of LED Street light 25W,230V,50Hz AC inbuilt with surge protection circuit , Supply and Installation of single phase 230V AC, 2HP Monoblock Pump , Supply and Installation of single phase 230V AC, 2HP motor starter , Supply and Installation of 6.5kg or higher front load, fully Automatic Washing Machine , Supply and Installation of washing machine trolley stand , Supply and Installation of Good Quality of Gate light on main gate pillar , Supply of Domestic clothing iron , Supply of good quality Nylon flexible pipe for Gardening Purpose , Long Solar Panel Cleaning Brush Kit Heavy Duty , GI Mounting arm with clamps for installation LED street light , Supply of PVC suction hose and other items as per ATC Clause 7.1</p>
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	Replacement of street light poles and electrical accessories and supply of electrical equipment at Navinal VTS station under VTS Directorate Gandhidham
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Category not available on GeM for the text string uploaded by the buyer
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> • LED Luminaire for Road and Street Lights (V2) Conforming to IS 10322 (Part 5 / Section 3) • Cable Trunking and Ducting system for Electrical Installations (Wiring duct)
बीओक्यू शीर्षक /BOQ Title	Installation and testing of street light poles and electrical accessories at Navinal VTS station
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)	7 Lakh (s)
मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)/OEM Average Turnover (Last 3 Years)	30 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	3 Year (s)

बिड विवरण/Bid Details	
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Exemption for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Exemption for Years of Experience and Turnover	No
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेन् है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या / Minimum number of bids required to disable automatic bid extension	2
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	3
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
विगत प्रदर्शन /Past Performance	80 %
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Two Packet Bid
प्राथमिक उत्पाद श्रेणी/Primary product category	Supply and installation of double arm pole
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	2 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
अनुमानित बिड मूल्य /Estimated Bid Value	1378983
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईएमडी राशि/EMD Amount	27600

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%)/ePBG Percentage(%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	39

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने है। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b).ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

लाभार्थी /Beneficiary :

Dy. Director General VTS

Directorate of Lighthouses and Lighthships, VTS Gandhidham, Deep Bhavan Plot 17 Sector 8 Gandhidham Kutch Gujarat 370201

(Dy Director General)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमआईआई खरीद वरीयता / MII Purchase Preference

एमआईआई खरीद वरीयता / MII Purchase Preference	Yes
मेक इन इंडिया विक्रेताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में है / Purchase Preference to MII sellers available upto price within L1+X%	20
मेक इन इंडिया खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MII purchase preference	50

सार्वजनिक खरीद (मेक-इन-इंडिया को प्राथमिकता) आदेश 2017 के अनुसार केवल क्लास 1/क्लास 2 के स्थानीय आपूर्तिकर्ताओं को ही भागीदारी की अनुमति है दिनांक 16.09.2020 (समय-समय पर संशोधित एवं लागू) / Allow participation only from Class 1/Class 2 local suppliers as per the Public procurement(Preference to Make-in-india) order 2017 date 16.09.2020(as amended and applicable time to time)	Yes, in compliance with the MII ORDER : DPIIT Order(as amended and applicable time to time)
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एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में हो / Purchase Preference to MSE OEMs available upto price within L1+X%	15
सूक्ष्म और लघु उद्यम को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MSE purchase preference	25

1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
3. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
4. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

5. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

6. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

7. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Pre Bid Detail(s)

मूल्य भिन्नता खंड दस्तावेज/Pre-Bid Date and Time	प्री-बिड स्थान/Pre-Bid Venue
11-11-2025 15:00:00	Directorate of Lighthouses and Lightships, VTS Gandhidham, Deep Bhavan Plot 17 Sector 8 Gandhidham Kutch Gujarat 370201

Supply And Installation Of Double Arm Pole

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	13	45

Supply And Installation Of Single Arm Pole

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	16	45

Supply And Installation Of LED Street Lights

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	58	45

Supply And Installation Of Garden Bollard Type Pole And 15W LED Lantern

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	12	45

Supply And Installation Of 100W Colour Flood Light

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	5	45

Supply And Installation Of 50W Flood Light

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

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BOQ Detail Document	View File

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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	2	45

Supply And Installation Of 1.5 Sq.mm X 3C Armoured Cable

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1100	45

Supply And Installation Of Electrical Pole Junction Box

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	35	45

Supply And Installation Of 30A, 6 Way Close Type Connector

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	40	45

Supply And Installation Of 6A, 240V Single Pole MCB

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	60	45

Supply And Fabrication Of Copper Clamp By Using 25X3mm Copper Strip

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	16	45

Supply And Installation Of 1. 5sq.mmX3C PVC Insulated And Sheathed Coper Flexible Cable

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	350	45

Supply And Installation Of 25 Mm PVC Pipe

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	35	45

Supply And Installation Of 10A, 2P, MCB In Power House

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	5	45

Supply And Installation Of 6 Way MCB Distribution Board

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Supply And Installation Of 25mm Steel Wire Reinforced PVC Flexible Pipe

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	50	45

Supply And Laying Of 50mm UPVC Pipe For Road Crossing

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	20	45

Supply And Installation Of Miscellaneous Items

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Labour Charges For Excavation Of Cable Trench

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	81	45

Excavation For Pole Foundation

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Construction Of Footing Structure

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Applying Cement Primer

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Applying Signal Red Paint

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Applying Metal Primer

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	5	45

Applying Aluminium Paint

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	6	45

Demolishing Of Existing 29 Footing Structure

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Labour Charges For Laying Of Pipes In Road Crossings And UG Cable Markings With Red Colour Bricks

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Supply And Installation Of 2M Modular Switch Board Box With Matching Frame Plate And Cover Plate

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	15	45

Supply And Installation Of 3M Modular Switch Board Box With Matching Frame Plate And Cover Plate

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	7	45

Supply And Installation Of 4M Modular Switch Board Box With Matching Frame Plate And Cover Plate

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	5	45

Supply And Installation Of 6M Modular Switch Board Box With Matching Frame Plate And Cover Plate

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	5	45

Supply And Installation Of 8M Modular Switch Board Box With Matching Frame Plate And Cover Plate

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	6	45

Supplying And Fixing 6A Modular Switch And Socket On The Existing Modular Plate And Switch Box Including Connections

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	90	45

Supplying And Fixing 3 Pin 6A Modular Socket Outlet, On The Existing Modular Plate And Switch Box Including Connections

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	7	45

Supplying And Fixing 16A Modular Switch On The Existing Modular Plate And Switch Box Including Connections

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	8	45

Supplying And Fixing 6 Pin 16 Modular Socket On The Existing Modular Plate And Switch Box Including Connections

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	8	45

Supply And Installation Of 16A Universal Extension Board

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Supply And Installation Of 1M Modular Electronics Fan Regulator

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	6	45

Supply And Installation Of 4 Way SPN DB With Earth Connection.

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Supply And Fixing 6A MCB

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	6	45

Supply Of 300mm PVC Dom Exhaust Fan For Installation In Power House In The Existing Opening

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Installation Of 300mm Exhaust Fan

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Extra Carpentry Work Including Supply And Fixation Of 19mm Plywood On The Exiting And SS Net Fixation At The Outer Side Of Opening

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Supply And Installation Of 12W, Round Surface LED Light

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	6	45

Supply And Fixing Modular Angle Holder

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	4	45

Supply And Installation Of Self Ballasted 20W LED Lamp

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	5	45

Supply Of 1200mm Ceiling Fan

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	6	45

Installation Testing And Commissioning Of Ceiling Fan

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	6	45

Supply And Installation Of Rotational Adjustable PVC Street Light Wall Mount Stand

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	2	45

Supply And Installation Of LED Street Light 25W,230V,50Hz AC Inbuilt With Surge Protection Circuit

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	2	45

Supply And Installation Of Single Phase 230V AC, 2HP Monoblock Pump

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Supply And Installation Of Single Phase 230V AC, 2HP Motor Starter

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Supply And Installation Of 6.5kg Or Higher Front Load, Fully Automatic Washing Machine

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Supply And Installation Of Washing Machine Trolley Stand

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Supply And Installation Of Good Quality Of Gate Light On Main Gate Pillar

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	View File
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[BOQ Detail Document](#)[View File](#)

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	3	45

Supply Of Domestic Clothing Iron

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Supply Of Good Quality Nylon Flexible Pipe For Gardening Purpose

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	100	45

Long Solar Panel Cleaning Brush Kit Heavy Duty

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

GI Mounting Arm With Clamps For Installation LED Street Light

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

Supply Of PVC Suction Hose And Other Items As Per ATC Clause 7.1

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ninama Sanjaykumar Somabhai	370421,Navinal VTS and Lighthouse Station, Near Adani House, Mundra Port	1	45

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$, subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

अस्वीकरण/Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of

this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972 etc. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.

[यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions](#)

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---

भारत सरकार पत्तन,पोत परिवहन और जलमार्ग मंत्रालय दीपस्तंभ और दीपपोत निदेशालय "दीपभवन" प्लाट नो:- 17, सेक्टर - 8 " वी. टी. एस. निदेशालय, गांधीधाम, (गुजरात)-370201		Govt. of India Ministry of Ports, Shipping and Waterways Directorate of Lighthouses & Lightships Deep Bhavan" Plot No. 17 Sectors - 8 V.T.S. Directorate, Gandhidham, (Gujarat)-370201
Email- dydgvts@gmail.com / dte-vts@nic.in		Tele: 02836-299104/004/001

संचिका: EMDVTS-08014/1/2020-Maintenance

अतिरिक्त नियम एवं शर्तें

Additional Terms and Conditions

S.No	Subject	Description
1	कार्य का नाम Name of work	वी टी एस निदेशालय गांधीधाम के अंतर्गत नविनाल वीटीएस स्टेशन में स्ट्रीट लाइट पोल और विद्युत सहायक उपकरणों का प्रतिस्थापन और विद्युत उपकरणों की आपूर्ति के संबंध में। Replacement of street light poles and electrical accessories and supply of electrical equipment at Navinal VTS station under VTS Directorate Gandhidham.
2	कार्य स्थल Location	Navinal VTS & Lighthouse Station, Adani Port Mundra, Dist. – Kutch, Gujrat-370421
3	अनुमानित राशि Estimated cost	₹ 13,78,983/- (Including GST and all taxes)
4	Time of completion	45 days

1. Eligibility Criteria:

1.1 Experience of having successfully completed similar works during last 07 years ending last day of month previous to the one in which bid is invited (30 September 2025) should be either of the following:

- (A) Three similar completed works each costing not less than the amount equal to 40% of the estimated cost.
- (B) Two similar completed works each costing not less than the amount equal to 50% of the estimated cost.
- (C) One similar completed works costing not less than the amount equal to 80% of the estimated cost.

Similar works means, "Supply/installation of electrical wiring/street light /Electrical equipment" in Central Govt. /State Govt. /P.S.U./Autonomous body". For proof of similar work, the agencies have to submit work completion certificate / GEM CRAC issued by the Central Govt. /State Govt. /P.S.U./Autonomous body.

- 1.2 Earnest money Deposit (EMD) in the form DD/FDR as per GeM. The EMD exemption, is only for bidders who are OEM for items offered in the bid. There is no exemption for bidder who are participating as reseller/ distributor
- 1.3 The bidder should not be blacklisted. Accordingly, an undertaking on letterhead that the bidder is not blacklisted in the format as per **Annexure -III**.
- 1.4 The bidder has to submit technical compliance sheet and declaration as per **Annexure -I**.
- 1.5 The bidder has to submit detailed technical brochure therein clearly defined Make and Model of the Items to be supplied with detailed specifications.

- 1.6 Since the Site is very Remote and it expected that Agency should be aware of Site. Accordingly the agency has to submit Declaration of Site Awareness in the form of Annexure VII
- 1.7 The bidder must have GST registration for which copy shall be submitted.
- 1.8 The Bidder must submit Tender Acceptance Letter as per format given in **Annexure-II**.

The bid shall be technically disqualified if any of the above-mentioned documents are not submitted.

- 2 The Deputy Director General-VTS will determine whether each bid is of acceptable quality, is generally complete and is substantially responsive to the tender document. For the purposes of determination, a substantially responsive bid is one that conforms to all the terms, conditions & specifications of the tender document without any deviations, objections, conditionality or reservation. Financial bid shall be opened only of those bidders who are found eligible as per eligibility criteria mentioned in Clause 1.

3 Prebid Meeting

The prospective bidders are advised to go through the GEM bid and respective Additional Terms and conditions very carefully before quoting. They should satisfy themselves about the scope of work to be carried out. In case of any queries same is to be submitted on or before pre-bid meeting date as mentioned in GeM portal. Under no circumstances issues raised by the bidder will be entertained once bids are opened.

4 Award of Contract on GeM :

The employer shall award the Contract on GeM to the bidder whose bid has been determined to be responsive to the bid document and who has offered the lowest bid price.

5 Scope of the work:

The scope of work includes supply, installation, testing and commissioning (SITC) of the following works and materials as per specifications, drawings, and BoQ:

a. Street Light Poles and Fittings

- i. Supply and installation of 16 Nos. single-arm and 13 Nos. double-arm street light poles of Class C heavy duty (NB) 65mm G.I pipe, 15ft height, 5mm thickness, as per lighthouse standardisation drawing.
- ii. Each pole to be provided with 25W LED street light fitting (reputed brand) with inbuilt surge protection, single/double arm assembly (2ft, 2" dia at 45°). Construction of pole foundation with footing and RCC pedestal as per drawing (300x300x450mm above ground, 450x450x900mm below ground).
- iii. Painting of poles with one coat primer and two coats aluminium paint.
- iv. Dismantling and removal of 29 Nos. existing damaged poles including demolition of old foundation.
- v. All old removed items to be handed over to the station.
- vi. No joints in the poles are permitted. The poles should be from a single piece of pipe only.

b. Garden Bollard Lights

- i. Supply and installation of 10 Nos. Garden bollard poles with lanterns (15W LED) by making foundation as per diagram in garden area.
- ii. Supply of 2 Nos. spare bollard poles with lanterns.
- iii. Dismantling and removal of 10 Nos. old existing bollard poles. All old removed items to be handed over to the station.

c. Flood Lights

- i. Supply and installation of 3 Nos. 100W RGB flood lights with inbuilt drivers around VTS Tower gallery, including control wiring.
- ii. Supply of 2 Nos. spare 100W flood lights.

- iii. Supply and installation of 2 Nos. 50W LED flood lights for departmental name board illumination.
 - iv. Supply of 1 No. spare 50W flood light.
- d. Underground Cables and Wiring**
- i. Supply and laying of 1100m, 1.5Sq.mm x 3C armoured copper cable in three loops and for gate lights.
 - ii. Supply and laying of 350m, 1.5Sq.mm x 3C flexible copper cable for pole wiring and flood lights.
 - iii. Supply and installation of 25mm PVC pipes and accessories for cable protection in footing structures.
 - iv. Supply and laying of 50mm UPVC pipes and 25mm reinforced flexible pipes for underground crossings and bends.
- e. Junction Boxes and Accessories**
- i. Supply and installation of PVC junction box 250x200x100mm on each pole at 3ft height, fixed with copper clamps (25x3mm strip).
 - ii. Supply and fixing of 30A 6-way connector inside junction box.
 - iii. Supply and fixing of 6A, 240V SP MCBs in junction boxes (each light separately controlled).
- f. Distribution Board and Controls**
- i. Supply and installation of 6-way MCB Distribution Board (reputed make) in office building for street light circuit.
 - ii. Supply and installation of 10A DP MCB for loop control and 6A SP MCBs for individual light protection.
- g. Powerhouse, VTS Tower and Inspection Quarter Electrical Accessories**
- i. Replacement of defective modular boards, switches, sockets, fan regulators with new branded accessories.
 - ii. Supply and installation of 300mm PVC Dom exhaust fan – 1 No., ceiling fan – 2 Nos., surface light – 4 Nos.
 - iii. Supply and installation of modular angle holders and LED lamps for underground floor lighting.
- h. Pump House and Water Management**
- i. Supply and installation of 25W LED wall-mounted street light with bracket at pump house dark zones.
 - ii. Supply, installation and commissioning of 1Ø, 2HP monoblock pump with starter and protection relay, including:
 - 20m inlet/outlet PVC suction hose pipe (1.25").
 - Accessories (foot valve, clamps, nut-bolts etc.).
 - Foundation fixing and plumbing works.
- i. Inspection Quarter Utilities**
- i. Supply and installation of front-load washing machine (6.5Kg), washing machine trolley, and electric iron with accessories.
- j. Miscellaneous Items**
- i. Supply and installation of LED gate lights (3 Nos.) with G.I vertical mounting arm.
 - ii. Supply of 100m nylon flexible gardening pipe (2 x 50m).
 - iii. Supply of solar panel cleaning brush kit with telescopic aluminium pole and PU pipe.
 - iv. Supply of miscellaneous consumables – plywood base for motor, PVC/UPVC pipes and fittings, spare copper cables, SS tap, 6A/16A 3-pin tops, excavation of trenches, road cutting & reinstatement, cementing, primer/paint coating etc.
 - v. Any other items which are required to complete the work and not mentioned in any of other BoQ's items.
- k. The following shall be adhered for execution of the work:

- i. All items shall be of reputed make/brand conforming to IS standards.
 - ii. Installation shall be carried out as per standard electrical practices with proper earthing.
 - iii. All dismantled/unserviceable materials shall be handed over/disposed as directed.
 - iv. Contractor shall ensure safety, testing, commissioning and handover of complete system in working condition.
 - v. Rates shall be inclusive of labour, transportation, loading/unloading, scaffolding, civil works, consumables and GST for the complete work. No extra payment shall be made.
- l. The contractor shall take approval of DDG-VTS or his authorized representative for brands/ make/ model prior to the supply and installation of the items. Any material of substandard quality shall be outrightly rejected.
 - m. All approved materials as per BoQ shall be delivered and handed over to the Station In-charge, Navinal VTS Station and if any material is left after completion of work, same shall be the property of this office and shall be kept in the store of the station for future use.
 - n. On delivery of items, all items will be inspected by DDG-VTS or his representative for fulfillment of requisite specifications as mentioned in the tender document prior commencement of work. If any item/ items is/ are found unsuitable or not fulfilling the requisite specification, same shall be rejected and no payment shall be made for rejected items. Bidder has to ensure the quality of all BoQ items as well as workmanship.
 - o. Bidder is liable to comply with the provisions of all safety regulations and all prevailing laws. Instructions of the Department safeties are also to be followed.
 - p. The make and model to be approved by DyDGLL or his representative for all the items. No items without approval is permitted.

Site Visit: The access to Navinal VTS station is through Adani Port Gate. Therefore, an entry permission from Port security is required to be taken. This Directorate will facilitate for entry/ exit permission through the port gate for site visit and execution of work. The prospective bidders are required to send prior intimation for visit through email of this office(dydgvts@gmail.com) with copy to Navinal VTS station (navinalvts@gmail.com). The contact nos. of Navinal VTS station staff are as follows: (i) Sh. Kiran Hari, Senior Radio Technician – 07405033062, (ii) Sh. Sanjay Ninama, NA-II- 09909812560, (iii) Sh. Durai Pandi, RT – 08511281947.

6. Special Terms and Conditions:

- 6.1 The price quoted by the bidder should include all the expenses incurred in supply and installation of all items and accessories and other items required to complete the work. Bidders are advised to visit the site to understand the scope of work prior quoting the bid. Any other necessary extra work including material/labour required, if any for completing the work is to be carried out by the bidder. No extra payment shall be made.
- 6.2 All the supplied and installed items should be of the best quality and of preferred brand. It is advisable that bidders should visit the site before quoting.
- 6.3 If the present performance of the bidder in a current contract for any major work is unsatisfactory as certified by the any authority of the relevant work, the offer of the bidder will be summarily rejected without assigning any reasons thereof.
- 6.4 The rate quoted shall be for destination. No other expenses shall be borne by the Buyer other than what is quoted in Bid Document.

6.5 The rates shall be quoted in Indian Currency only and if quoted in other currency, the offer will be rejected.

6.6 The Deputy Director General-VTS does not bind himself to accept the lowest or any bid. He is free to reject any or all of the bids received without assigning any reason. He also reserves right for himself of accepting the whole or any part of the bid and bidder shall be bound to perform the same at the rate quoted. All bids in which any of the prescribed conditions are not fulfilled or incomplete in any respect are liable to be rejected. Canvassing in any form is strictly prohibited and the bids submitted by the contractor who resort to any form of canvassing shall be summarily rejected.

6.7 Any effort by a bidder to influence the Deputy Director General-VTS in the process of examination, clarification, evaluation, and in decisions concerning award of contract, may result in rejection of the bid.

6.8 All Electrical Items shall be BIS/ISI Certified.

6.9 Payment Terms

Payment to the Contractor shall be made as per details given below: -

- (i) **50% payment will be made on successful completion of Supply of all the items as per BoQ and warranty certificate.**
- (ii) **40% payment will be made after 15 days of successful completion of installation and testing.**
- (iii) **Balance 10% shall be made after 30 days only after successful working of all fittings.**
- (iv) **Invoice along with relevant documentary evidences shall be raised in GeM.**
 - (I) All product documents as supplied by OEM.
 - (II) Warranty Card/ warranty certificate.

Payment shall be released only after ascertaining the specifications (whole or part) as per discretion of Dy DGLL as mentioned in clause 7.1.

6.10 Penalty clause:

6.10.1 Throughout the stipulated period of contract, the work shall be carried with all due diligence and time is the essence of contract. The contractor shall pay a sum equal to 0.5 % of the cost of the work for each day the work remains incomplete beyond the stated period, provided that the entire amount of penalty to be paid under the provision of this clause shall not exceed 5% of the cost of the work as indicated in the contract. In case the delay is more than 15 days, the contract shall be cancelled and PBG shall be forfeited. The work shall be completed through any other agency by the Department at the cost of bidder.

6.10.2 All the case of delay shall be decided by the Deputy Director General of Lighthouses and Lightships, Gandhidham or his authorized representative.

6.10.3 **Defect rectification during warranty period of 03 years:** If any defect is reported to the agency by this office or the consignee station, the agency shall attend and rectify the fault within **72 hours**. If the defect is attended but cannot be repaired immediately due to the requirement of spare parts, the same must be rectified by replacing the required spare within **15 days**. Beyond this period, a penalty of **Rs. 500/-** per day shall be imposed. If the accumulated penalty exceeds **Rs. 10,000/-**, the Performance Guarantee (PG) shall be forfeited, and the defect will be rectified by the department at the cost of the contractor. Additionally, the contractor shall be

blacklisted and debarred from participating in any tenders for a period of three (03) years.

6.11 **Warranty:** The warranty for all items related to replacement of street light poles and electrical accessories and supply of electrical equipment at Navinal VTS station under VTS Directorate Gandhidham should be **minimum 03 years**, Warranty certificate for complete BoQ items shall be submitted. Bill shall be processed only after receipt of requisite documents.

6.12 **Performance Guarantee cum security deposit:** The work order on GeM shall be issued to L1 bidder. Within 10 days of receipt of work order/ GeM contract order, the successful bidder will furnish the contract Performance Guarantee cum security deposit in favour of Deputy Director General, Directorate of Lighthouses and Lightships, Gandhidham @ 5% of the value of the contract, valid for a period of 39 months from the date of installation & commissioning of the work in the form of FDR from any commercial bank. The original documents shall be the same which is uploaded on GeM portal otherwise the Bid shall be rejected and action shall be taken as per prevailing Govt. norms and the tender terms and conditions

6.13 **Time of Completion:** 45 days

6.14 **Delivery of Material:** The material for Replacement of street light poles and electrical accessories and supply of electrical equipment at Navinal VTS station under VTS Directorate Gandhidham shall be delivered to the following addresses:

Navinal VTS & Lighthouse Station

Adani Port Mundra,

Dist. – Kutch, Gujarat-370421

Contact person: - Sh. Kiran Hari, Senior Radio Technician – Mob. 07405033062

6.15 Other General Conditions such as, Force majeure, termination, cancellation etc. shall be as per latest Gem GTC.

7. Brief Technical Specifications

7.1 The work of replacement of street light poles and electrical accessories and supply of electrical equipment at Navinal VTS station under VTS Directorate Gandhidham having following specifications:

क्रमांक	Description of Items	Specifications
1	Supply and installation of Class C, Heavy Duty (NB) double arm pole	<p>Class C, GI Heavy Duty (NB) double arm pole: - Height of pole: The 15 ft, 65mm nominal bore (NB). Outer Diameter: 3 inches. Thickness: 5mm thick pipe. MS square base foundation plate with dimensions 300mm x 300mm, welded to the main pole for structural integrity. Street Light Double Arm Assembly The pole has each arm 2 feet long G.I positioned with support at a 45° angle to the main pole with a diameter of 2 inches. Reducer for Fitting Street Light Preferred make: TATA/Jindal/Asian</p>
2	Supply and installation of Class C, Heavy Duty (NB) single arm	<p>Class C, GI Heavy Duty (NB) single arm:- Height of pole: The 15 ft, 65mm nominal bore (NB). Outer Diameter: 3 inches. Thickness: 5mm thick pipe. 5mm thick pipe, MS square base foundation plate with dimensions 300mm x 300mm, welded to the main pole for</p>

		structural integrity. The pole has 2 feet long G.I arm positioned with support at a 45° angle to the main pole with a diameter of 2 inches. Reducer for Fitting Street Light Preferred make: TATA/Jindal/Asian
3	LED Street light	25W/230V,50Hz AC inbuilt with surge protection circuit. IP 66 or better Preferred make: Surya/ Havells/ Crompton/ Philips
4	Garden Bollard type pole and 15W LED Lantern	Material:Aluminum Size: 2Ft or more height, 17CM Diameter X 17CM Diameter Voltage: 230 V AC Light Source: 12W LED (Warm White) Lumens: Minimum 800 Lumen Installed as: Pathway lighting Weather Resistant: Water Proof, IP65 rated for all-weather outdoor Structure as per the enclosed photo Foundation and footing structure: 6 inch length x6 inch width x 12 inch height PCC structure (6 inch or more below the ground and 6 inch above the ground) Preferred make: Philips/ Havells/Crompton
5	100W Colour flood light (Red, Yellow, Blue)	100W colour flood light (Red, Yellow, Blue), Operating voltage 230V-270V, AC 1Ø, 50Hz, Dust & water proof /IP66 or better or better. Preferred make: Surya/ Havells/ Crompton/ Philips
6	50W flood light	50W flood light, Operating voltage 230V-270V, AC 1Ø, 50Hz. Dust & water proof IP67 or better Preferred make: Surya/ Havells/ Crompton/ Philips
7	Supply and installation of 1.5 Sq.mm X 3C Armoured cable	1.5 Sq.mm X 3C Copper Armoured cable, XLPE Preferred make: Finolex/ Polycab/KEI/RR
8	Electrical pole Junction Box	Electrical pole Junction Box Size: 250X200X100mm Preferred make: Sintex/ RMW / Indo make
9	30A, 6-way Close type connector	30A/60A, 6-way close type backlite connector Preferred make: Reputed brand
10	6A/240V Single pole MCB, reputed brand	6A/240V, 1P MCB Preferred make: L&T/ Havells/ Schneider
11	Fabrication of copper clamp by using 25X3mm copper strip as per size of GI pole (In 1Mtr = 2 clamps)	Good workmanship
12	1.5sq.mmX3C PVC insulated & sheathed copper flexible cable	1.5sq.mmX3C PVC insulated & sheathed copper flexible cable Preferred make: Finolex/Polycab/KEI/RR/ Havells
13	25 mm PVC Pipe (length of each piece 3 meter) along with long bend and socket for concealed wiring of UG Cable through footing structure	25 mm PVC Pipe (length of each piece is 3 meter) including accessories viz. long bend and socket etc. for concealed wiring of UG Cable through footing structure Preferred make: Anchor/ polycab/ pressfit/ Finolex
14	10A, 2P, MCB for Power House	10A, 2 Pole MCB Preferred make: L&T/ Havells/ Schneider
15	6-way MCB Distribution Board in Power House for street light	Standard 6-way MCB Distribution Board Preferred make: L&T/ Havells/ Schneider
16	25mm steel wire Reinforced PVC flexible grey colour pipe	25mm steel wire Reinforced PVC flexible grey colour pipe for 100W flood light wiring and street

		light work Reputed brand
17	Supply and laying of 50mm (2 inch) UPVC pipe for road crossing	Supply and laying of 50mm (2 inch) UPVC pipe for road crossing Preferred make: Astral/Supreme/Prince/Finolex/Apollo
18	Supply and installation of Miscellaneous items for installation work of street lights: <ul style="list-style-type: none"> • cotton tape for complete work • PVC tape, • 2.5sq.mm pin type-100Nos • PVC sleeve, • silicon sealant-4nos • caulking gun, • 250mm Cable Tie-100Nos, • SS Nut-Bolt for fixation of clamp, assorted size of nut bolt for fixation of 6-way connector, • MCB channel strip and its fitting nut-bolt, • paint brush-3Nos, • Turpentine 5 lit, • Red colour bricks for UG cable marking 450 Nos. or more as per requirement, • Any other extra necessary material required for completion of work in all respect 	Good quality and reputed brand material
19	Labour charges for excavation of cable trench:	Labour charges for excavating and refilling of trenches 900Lx0.3Wx0.3H=81cum and laying of 1.5sq.mm \times 3C copper armoured cable, mechanical/manual means of required width for pipes, cables etc. including excavation for sockets and dressing of sides, ramming of bottoms for all depth including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering etc. and disposing of surplus excavated soil as directed, within a lead of 50m (All kind of soil and pipes, cables etc. not exceeding 80mm dia.) Good workmanship
20	Excavation for pole foundation:	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas including getting out and disposal of excavated earth lead up to 50 m and for all lift, as directed by Engineer-in-charge for all kinds of soil including machine, labour and transportation, complete work. Excavation size L0.45xW0.45xD0.90=0.18225cum for 1No. pole x 29 Poles=5.285cum

		Good workmanship
21	Construction of footing structure:	<p>CC for foundation 1:2:4 (1 cement: 2 coarse sand (zone-iii)) 4 graded stone aggregate 40 mm nominal size Foundation size for CC: $0.45 \times 0.45 \times 0.900 = 0.18225 \text{cum}$ Footing structure size: $0.30 \times 0.30 \times 0.450 = 0.04050 \text{cum}$, Total = 0.22275cum for 1 No. Pole x 29 Poles = 6.46cum</p> <p>The frame should be very firm so that the shape of the footing structure should be very good in one go. If the structure shape is found not good, the same needs to be reconstructed, no patch work is allowed to bring it to perfect shape. 300mmx300mmx450mm shall be constructed above this foundation (Without proper forma, work shall not be accepted)</p> <p>Construction of footing structure for fixing of GI pole basement including fixing of pole in earth pit size: L450mmxW450mmxDepth900mm i.e 900 mm depth will be below ground level which shall be filled CC for foundation 1:2:4 (1 cement: 2 coarse sand (zone-iii) derived from natural sources: 4 graded stone aggregate 40 mm nominal size derived from natural sources) and footing structure should be prepared by suitable number of 19mm plywood forma size 300mmx300mmx450mm shall be constructed above this foundation. i.e. complete size of footing structure including plastering with proper finishing and filling of white putty on footing structure. including material, labour, Equipment and Transportation complete work</p>
		Good material and workmanship
22	Applying cement primer	<p>Applying primer coat with primer of approved brand and manufacture having low VOC (volatile organic compound) content with water thinnable cement primer on wall surface including labour, tools, transportation and water charges etc. complete work.</p> <p>Cement primer for footing structure size 300x300x450mm or 0.3x0.3x0.45m Area of front surface $0.3 \times 0.45 = 0.135 \text{Sq.m}$ x 4 sides of footing structure = 0.54Sq.m Area of top surface of footing structure $0.3 \times 0.3 = 0.09$ Total area for 1No. footing structure $0.54 + 0.09 = 0.63 \text{sq.m}$ x 29 footing structure = 18.27Sq.m</p>
		Good material and workmanship
23	Applying Singal Red Paint	<p>Painting with synthetic enamel Signal RED paint of approved brand two or more coat including labour, tools, transportation etc. complete work. Area of 29 footing structure 18.27Sq.m</p> <p>Preferred make: Asian/Berger/Nerolac</p>
24	Applying Metal Primer	<p>Applying metal primer on 29 street light pole with arms of approved brand single coat including labour, tools, transportation etc. complete work</p> <p>Preferred make: Asian/Berger/Nerolac</p>
25	Applying Aluminium Paint	<p>Painting with synthetic enamel Aluminium paint of</p>

		approved brand two or more coat on 29 street light poles including labour, tools, transportation etc. complete work Preferred make: Asian/Berger/Nerolac
26	Demolishing of existing 29 footing structure	Demolishing cement concrete (29 footing structure along with street light poles) manually/ by mechanical means including disposal of material within 50 metres lead as per directed including labours, machine, operator, transportation etc. complete work. Size of existing footing structure: $0.46 \times 0.49 \times 0.27 \text{m} = 0.060 \text{cum} \times 29 \text{poles} = 1.764 \text{cum}$ The area shall be cleaned and levelled properly. Good workmanship
27	Labour charges for laying of pipes in road crossings and UG cable markings with red colour bricks	1) Breaking of road for laying of pipes in road crossing channel and its refilling of excavated channel including material cement, sand and labour charges (Including breaker & its labour) (2) Red colour bricks for UG cable marking 450 Nos. or more as per site requirement. Good workmanship
28	Supply and installation of 2M modular switch board box with matching frame plate and cover plate	2M modular switch board box with matching frame plate and cover plate Preferred make: Anchor/ Havells/ Schneider
29	Supply and installation of 3M modular switch board box with matching frame plate and cover plate	3M modular switch board box with matching frame plate and cover plate Preferred make: Anchor/ Havells/ Schneider
30	Supply and installation of 4M modular switch board box with matching frame plate and cover plate	of 4M modular switch board box with matching frame plate and cover plate Preferred make: Anchor/ Havells/ Schneider
31	Supply and installation of 6M modular switch board box with matching frame plate and cover plate	6M modular switch board box with matching frame plate and cover plate Preferred make: Anchor/ Havells/ Schneider
32	Supply and installation of 8M modular switch board box with matching frame plate and cover plate	8M modular switch board box with matching frame plate and cover plate Preferred make: Anchor/ Havells/ Schneider
33	Supplying and fixing 5/6A Modular Switch and socket on the existing modular plate and switch box including connections	Preferred make: Anchor/ Havells/ Schneider
34	Supplying and fixing 3 pin 5/6A Modular socket outlet, on the existing modular plate and switch box including connections	Preferred make: Anchor/ Havells/ Schneider
35	Supplying and fixing 15/16A Modular Switch on the existing modular plate and switch box including connections	Preferred make: Anchor/ Havells/ Schneider
36	Supplying and fixing 6 pin 15/16 Modular Socket on the existing modular plate and switch box including connections	Preferred make: Anchor/ Havells/ Schneider
37	Supply and installation of 16A universal extension board	16A universal extension board with Power ON 6A Red Indicator 3 socket, 3 MCB, surge protection and

		10 mtrs. or more length of 1.5Sq.mmx 3c wire Preferred make: Anchor/ Havells/ Schneider
38	Supply and installation of 1M Modular Electronics Fan Regulator	Preferred make: Anchor/ Havells/ Schneider
39	Supply and installation of 4 Way SPN DB with earth connection.	Preferred make: L&T/Havells/ Schneider
40	Supply and fixing 5A to 32A rating 240V, 10kA, "C" Curve Single Pole miniature circuit breaker in the existing MCB DB complete with connections, testing and commissioning etc. as required – 6A, 1P MCB	5A to 32A rating 240V, 10kA, "C" Curve Single Pole miniature circuit breaker in the existing MCB DB complete with connections, testing and commissioning etc. as required – 6A, 1P MCB Preferred make: L&T/Havells/ Schneider
41	Supply of 300mm PVC Dom Exhaust fan for installation in power house in the existing opening	300mm PVC Dom Exhaust fan Preferred make: Bajaj/ Khaitan/Orient/ Havells/ Crompton
42	Installation of 300mm exhaust fan in the existing opening including connection, testing, commissioning etc. as required.	Installation of 300mm exhaust fan in the existing opening including connection, testing, commissioning etc. Good workmanship
43	Extra carpentry work including supply and fixation of 19mm plywood on the exiting and SS net fixation at the outer side of opening	carpentry work including supply and fixation of 19mm plywood on the exiting and SS net fixation at the outer side of opening Good material and workmanship
44	Supply and installation of 12W, Round surface LED Light in power house	12W, Round surface LED Light Preferred make: Surya/Havells/Crompton/Philips
45	Supply and fixing Modular angle holder including connection etc. as required	Preferred make: Anchor/ Havells/ Schneider
46	Supply and installation of Self Ballasted 20W LED Lamp	Self Ballasted 20W LED Lamp Preferred make: Surya/Havells/Crompton
47	Supply of 1200mm ceiling fan	1200mm ceiling fan, BEE star: 5-star, Copper winding, Power supply: 1Ø, 230V AC, Rust free, No. of blades 3, No. of ball bearing 2, Accessories: with approx. 30cm Down Rod, Canopies, Rubber Bush, Shackles, Round PVC fan sheet cover Preferred make: Khaitan/Orient/ Havells/ Crompton/ Anchor
48	Installation testing and commissioning of ceiling fan	Installation testing and commissioning of ceiling fan, including wiring the down rods of standard length (up to 30cm) with 1.5Sq.mm FRLS PVC insulated, copper conductor single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. Good workmanship
49	Supply and Installation of 360° Rotational Adjustable PVC Street light wall mount stand on Pump house front and side wall	360° Rotational Adjustable PVC Street light wall mount stand Reputed Brand
50	Supply and Installation of LED	LED Street light 25W/230V,50Hz AC inbuilt with

	Street light 25W/230V,50Hz AC inbuilt with surge protection circuit on existing light point on Pump house front and side wall PVC wall mount bracket	surge protection circuit, IP66 Preferred make: Surya/Havells/Crompton
51	Supply and Installation of 1Ø 230V AC, 2HP Monoblock Pump	1Ø 230V AC, 2HP Monoblock Pump, Outlet size: 30mm, Inlet size: 200mm, Low power consumption, High suction with self-priming, Head range 25m, No. of phase: Single or better range Preferred make: Texmo/Kirloskar/Havells/ CRI
52	Supply and Installation of 1Ø 230V AC, 2HP motor starter with protection relay circuit, manual reset facility	1Ø 230V AC, 2HP motor starter with protection relay circuit, manual reset facility Preferred make: L&T/ Havells/ Schneider
53	Supply and Installation of 6.5kg or higher front load, fully Automatic Washing Machine	6.5kg or higher front load, fully Automatic Washing Machine Preferred make: IFB/ LG/ Samsung
54	Supply and Installation of washing machine trolley stand	Heavy duty washing machine trolley stand Reputed Brand
55	Supply and Installation of Good Quality of Gate light on main gate pillar	Good Quality Gate light on main gate pillar, Cast Iron/ GI / Stainless steel IP65 or better as per attached photo Preferred make: Philips/Havells/Crompton/ Surya
56	Supply of Domestic clothing light weight iron (Electric iron)	1400 W or better domestic clothing light weight iron Steam/ dry iron Preferred make: Philips/ Havells/Crompton
57	Supply of good quality Nylon flexible pipe for Gardening Purpose	Good quality 100 mtrs Nylon flexible pipe for Gardening Purpose Reputed Brand
58	Long Solar Panel Cleaning Brush Kit Heavy-Duty Nylon Water Brush with PU Pipe & Aluminium Flexible Telescopic Pole 1.5M to 4M for cleaning Solar Panels	Long Solar Panel Cleaning Brush Kit Heavy-Duty Nylon Water Brush with PU Pipe & Aluminium Flexible Telescopic Pole 1.5M to 4M or longer for cleaning Solar Panels Brush: Nylon Bristle Inline water fed system Handle material: Aluminium Reputed Brand
59	GI Mounting arm with clamps for installation LED street light	Good quality standard GI/ Stainless steel Mounting arm with clamps for installation LED street light for main gate front side Reputed Brand
60	<ul style="list-style-type: none"> • Supply of PVC suction hose pipe for inlet-10m, outlet-10m and foot valve for 2HP Monoblock Pump, • Hiring of plumber for plumbing work, • Assorted size of screws & SS Nut-bolt, • Rawalplug/ PVC plug for electrical work, • Insulation Tapes, • 20mm Plywood plank 1.5x1.5 feet for 	Good material and workmanship

	<p>installation of 2HP Monoblcok motor,</p> <ul style="list-style-type: none">• 1.5Sq.mmx3C – 10m wire for 2HP motor,• 1.5Sq,mmx1C Red, black and Green wire – 15m each• PVC/ UPVC pipe and accessories and SS Tap for washing machine,• 3 Pin Top 6A -3Nos. 3 & Pin Top 16A – 3Nos.• Any other material to complete the work	
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Bill of Quantity (BoQ)
(Schedule of work)

Name of work: Replacement of street light poles and electrical accessories and supply of electrical equipment at Navinal VTS station under VTS Directorate Gandhidham.

क्रमांक	वस्तुओं का विवरण	Unit	Qty.	Rate (including GST and all taxes) In Rs.	Total Amount including GST and all taxes/ transportation etc. complete (in Rs.)
1	<p>Supply and installation of double arm pole: Pole Type & Material: Single Pole without joint, Reputed Brand *Class C, Heavy Duty (NB): Indicates that the pole is heavy-duty and made of a certain class of galvanized iron (G.I.) pipe. *G.I. Pole: The pole is constructed using a 65mm nominal bore (NB) galvanized iron pipe. *Outer Diameter: 3 inches. *Thickness: 5mm thick pipe.</p> <p>Dimensions: The pole length is specified as 15 feet.</p> <p>Foundation Plate: A 5mm thick MS square base foundation plate with dimensions 300mm x 300mm, welded to the main pole for structural integrity.</p> <p>Street Light Double Arm Assembly: The pole has G.I arm (both side) with a diameter of 2 inches. Both the arm is 2 feet long, and made of heavy-duty G.I. pipe. Both the arm is positioned with support at a 45° angle to the main pole.</p> <p>Reducer for Fitting Street Light: A suitable reducer is included for the installation of a street light fixture on the pole.</p> <p>Complete Assembly: The assembly includes all components necessary for installation (Class C GI pole, foundation plate, arm assembly, and reducer for street light fittings).</p>	Nos.	13		

	The specific poles referenced are Pole No. 1 to 13Nos number coloured in Red in the diagram				
2	<p>Supply and installation of single arm pole: Pole Type & Material: Single Pole without joint, Reputed Brand *Class C, Heavy Duty (NB): Indicates that the pole is heavy-duty and made of a certain class of galvanized iron (G.I.) pipe. *G.I. Pipe: The pole is constructed using a 65mm nominal bore (NB) galvanized iron pipe. *Outer Diameter: 3 inches. *Thickness: 5mm thick pipe.</p> <p>Dimensions: The pole length is specified as 15 feet.</p> <p>Foundation Plate: A 5mm thick MS square base foundation plate with dimensions 300mm x 300mm, welded to the main pole for structural integrity.</p> <p>Street Light Single Arm Assembly: The pole has G.I arm (both side) with a diameter of 2 inches. The arm is 2 feet long, and made of heavy-duty G.I. pipe. The arm is positioned with support at a 45° angle to the main pole.</p> <p>Reducer for Fitting Street Light: A suitable reducer is included for the installation of a street light fixture on the pole.</p> <p>Complete Assembly: The assembly includes all components necessary for installation (Class C GI pole, foundation plate, arm assembly, and reducer for street light fittings). The specific poles referenced are Pole No. 1 to 16 Nos. in the diagram</p>	Nos.	16		
3	Supply and installation of LED Street light 25W/230V,50Hz AC inbuilt with surge protection circuit Qty 26Nos for double arm + 16Nos for single arm = 42Nos.+ spare 16Nos	Nos.	58		
4	Supply and installation of Garden Bollard type pole and 15W LED Lantern/Luminaire, Qty 10Nos + 2Nos Spare	Nos.	12		
5	Supply and installation of 100W colour flood light (Red, Yellow, Blue) on first gallery of VTS tower, Operating voltage 230V-270V, AC 1Ø, 50Hz, Dust & water proof IP66 or better. Qty 3Nos + 2Nos Spare	Nos.	5		
6	Supply and installation of 50W flood light on Name Board, Operating voltage 230V-270V, AC 1Ø, 50Hz. Dust & water proof IP66 or better. Qty 1Nos + 1Nos Spare	Nos.	2		

7	Supply and installation of 1.5 Sq.mm X 3C Armoured cable for complete street light work wiring (1 st loop 320m + 2 nd loop 180m + 3 rd loop Qty 350m + Gate light 50m = Qty 900m + footing structure to Junction box for 29 pole (3mx29pole) 87m = 987m + 113m Extra	Meter	1100		
8	Supply and installation of Electrical pole Junction Box 250X200X100mm, Qty 29Nos + 1Nos for gate light + 1No. for 50W flood light + 1No. for loop No.2 + 3 Spare = 35Nos.	Nos.	35		
9	Supply and installation of 30A, 6-way Close type connector, reputed brand Qty 6nos + 3Nos spare = Qty 32Nos. + 8Nos. Spare = Total Qty.40Nos.	Nos.	40		
10	Supply and installation of 6A/240V Single pole MCB, (42Nos. for street light+2Nos. for gate light + 1No. for 50W flood+ 3Nos. for 100W flood light= Qty 48Nos + 12Nos spare = 60Nos.)	Nos.	60		
11	Supply and fabrication of copper clamp by using 25X3mm copper strip as per size of GI pole (In 1Mtr = 2 clamps)	Meter	16		
12	Supply and installation of 1. 5sq.mmX3C PVC insulated & sheathed coper flexible cable, [5 Meter per single light x 16 Single arm lights= 80m+13 Double arm=130m]] i.e Qty 210m for street light+ 50m for 100W flood light in 1 st gallery + 40m for extension board + 50m Spare = 350m	Meter	350		
13	Supply and installation of 25 mm PVC Pipe (length of 3 meter) along with long bend and socket for concealed wiring of UG Cable through footing structure. 3 Meter for each pole x 29 pole=87meter + 18m spare = 105m	Nos.	35		
14	Supply and installation of 10A, 2P, MCB in Power House, Qty.3Nos + 2Nos. Spare=5Nos.	Nos.	5		
15	Supply and installation of 6-way MCB Distribution Board in Power House for street light	No.	1		
16	Supply and installation of 25mm steel wire Reinforced PVC flexible pipe for 100W flood light wiring and street light work	Meter	50		
17	Supply and laying of 50mm (2 inch) UPVC pipe for road crossing	Meter	20		
18	Supply and installation of Miscellaneous items for installation work of street lights: <ul style="list-style-type: none"> • Cotton tape for complete work • PVC tape, • 2.5sq.mm pin type-100Nos • PVC sleeve, • silicon sealant-4nos • caulking gun, • 250mm Cable Tie-100Nos, 	LS	1		

	<ul style="list-style-type: none"> • SS Nut-Bolt for fixation of clamp, assorted size of nut bolt for fixation of 6-way connector, • MCB channel strip and its fitting nut-bolt, • paint brush-3Nos, • Turpentine 5 lit, • Red colour bricks for UG cable marking 450 Nos. or more as per requirement, <p>Any other extra necessary material required for completion of work in all respect</p>				
19	<p>Labour charges for excavation of cable trench: Labour charges for excavating and refilling of trenches 900Lx0.3Wx0.3H=81cum and laying of 1.5sq.mmx3C copper armoured cable, mechanical/manual means of required width for pipes, cables etc. including excavation for sockets and dressing of sides, ramming of bottoms for all depth including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering etc. and disposing of surplus excavated soil as directed, within a lead of 50m (All kind of soil and pipes, cables etc. not exceeding 80mm dia.)</p>	cum	81		
20	<p>Excavation for pole foundation: Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas including getting out and disposal of excavated earth lead up to 50 m and for all lift, as directed by Engineer-in-charge for all kinds of soil including machine, labour and transportation, complete work.</p> <p>Excavation size L0.45xW0.45xD0.90=0.18225cum for 1No. pole x 29 Poles=5.285cum (decimal number not permitted in GeM BoQ, therefore lumpsum amount has been considered)</p>	LS	01		
21	<p>Construction of footing structure: Construction of footing structure for fixing of GI pole basement including fixing of pole in earth pit size: L450mmxW450mmxDepth900mm i.e 900 mm depth will be below ground level which shall be filled CC for foundation 1:2:4 (1 cement: 2 coarse sand (zone-iii) derived from natural sources: 4 graded stone aggregate 40 mm nominal size derived from natural sources) and footing structure should be prepared by suitable number of 19mm plywood forma size 300mmx300mmx450mm shall be constructed above this foundation. i.e. complete size of footing structure including plastering with proper finishing and filling of white putty on footing structure. including material, labour, Equipment and Transportation complete work.</p> <p>Foundation size for CC: 0.45x0.45x0.900=0.18225cum</p>	LS	01		

	<p>Footing structure size : $0.30 \times 0.30 \times 0.45 = 0.04050 \text{cum}$</p> <p>-----</p> <p>Total = 0.22275cum for 1 No. Pole x 29</p> <p>Poles = 6.46cum</p>				
22	<p>Applying cement primer: Applying primer coat with primer of approved brand and manufacture having low VOC (volatile organic compound) content with water thinnable cement primer on wall surface including labour, tools, transportation and water charges etc. complete work.</p> <p>Cement primer for footing structure size $300 \times 300 \times 450 \text{mm}$ or $0.3 \times 0.3 \times 0.45 \text{m}$</p> <p>Area of front surface $0.3 \times 0.45 = 0.135 \text{Sq.m}$ x 4 sides of footing structure = 0.54Sq.m</p> <p>Area of top surface of footing structure $0.3 \times 0.3 = 0.09$</p> <p>Total area for 1No. footing structure $0.54 + 0.09 = 0.63 \text{sq.m}$ x 29 footing structure = 18.27Sq.m</p>	LS	01		
23	<p>Applying P.O Red Paint: Painting with synthetic enamel P.O RED paint of approved brand two or more coat including labour, tools, transportation etc. complete work.</p> <p>Area of 29 footing structure 18.27Sq.m</p>	LS	01		
24	<p>Applying Metal Primer: Applying metal primer on 29 street light pole with arms of approved brand single coat including labour, tools, transportation etc. complete work.</p>	Litre	5		
25	<p>Applying Aluminum Paint: Painting with synthetic enamel Aluminum paint of approved brand two or more coat on 29 street light poles including labour, tools, transportation etc. complete work.</p>	Litre	6		
26	<p>Demolishing of existing 29 footing structure: Demolishing cement concrete (29 footing structure along with street light poles) manually/ by mechanical means including disposal of material within 50 metres lead as per directed including labours, machine, operator, transportation etc. complete work. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)</p> <p>Size of existing footing structure: $0.46 \times 0.49 \times 0.27 \text{m} = 0.060 \text{cum}$ x 29poles = 1.764cum</p>	LS	01		
27	<p>Labour charges (Including GST) for: -</p> <p>(1) Breaking and repairing of road for laying of pipes in road crossing channel and refilling charges of excavated channel including material cement, sand and labour charges (Including breaker & its labour charges)</p> <p>(2) Red colour bricks for UG cable marking 450 Nos. or more</p>	Job	1		

28	Supply and installation of 2M modular switch board box with matching frame plate and cover plate	Nos.	15		
29	Supply and installation of 3M modular switch board box with matching frame plate and cover plate	Nos.	7		
30	Supply and installation of 4M modular switch board box with matching frame plate and cover plate	Nos.	5		
31	Supply and installation of 6M modular switch board box with matching frame plate and cover plate	Nos.	5		
32	Supply and installation of 8M modular switch board box with matching frame plate and cover plate	Nos.	6		
33	Supplying and fixing 5/6A Modular Switch and socket on the existing modular plate and switch box including connections	Nos.	90		
34	Supplying and fixing 3 pin 5/6A Modular socket outlet, on the existing modular plate and switch box including connections	Nos.	7		
35	Supplying and fixing 15/16A Modular Switch on the existing modular plate and switch box including connections	Nos.	8		
36	Supplying and fixing 6 pin 15/16 Modular Socket on the existing modular plate and switch box including connections	Nos.	8		
37	Supply and installation of 16A universal extension board with Power ON 6A Red Indicator 3 socket, 3 single pole MCB, surge protection and 10 mtrs or more length of 1.5Sq.mmx 3C wire,	No.	1		
38	Supply and installation of 1M Modular Electronics Fan Regulator	Nos.	6		
39	Supply and installation of 4 Way SPN DB with earth connection.	No.	1		
40	Supply and fixing 5A to 32A rating 240V, 10kA, "C" Curve Single Pole miniature circuit breaker in the existing MCB DB complete with connections, testing and commissioning etc. as required – 6A, 1P MCB	Nos.	6		
41	Supply of 300mm PVC Dom Exhaust fan for installation in power house in the existing opening	No.	1		
42	Installation of 300mm exhaust fan in the existing opening including connection, testing, commissioning etc. as required.	Nos.	1		
43	Extra carpentry work including supply and fixation of 19mm plywood on the exiting and SS net fixation at the outer side of opening	Job	1		
44	Supply and installation of 12W, Round surface LED Light in power house	Nos.	6		
45	Supply and fixing Modular angle holder including connection etc. as required	Nos.	4		
46	Supply and installation of Self Ballasted 20W LED Lamp		5		
47	Supply of 1200mm ceiling fan, BEE star: More 5 star, Copper winding, Power supply: 1Ø, 230V AC, Rust free No. of blades 3, No. of ball bearing 2,	Nos.	6		

	Accessories: with approx. 30cm Down Rod, Canopies, Rubber Bush, Shackles, Round PVC fan sheet cover				
48	Installation testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30cm) with 1.5Sq.mm FRLS PVC insulated, copper conductor single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc.	Nos.	6		
49	Supply and Installation of 360° Rotational Adjustable PVC Street light wall mount stand on Pump house front and side wall	Nos.	2		
50	Supply and Installation of LED Street light 25W/230V,50Hz AC inbuilt with surge protection circuit on existing light point on Pump house front and side wall PVC wall mount bracket	Nos.	2		
51	Supply and Installation of 1Ø 230V AC, 2HP Monoblock Pump, Outlet size: 30mm, Inlet size: 200mm, Low power consumption, High suction with self-priming, Head range 25m, No. of phase: Single	No.	1		
52	Supply and Installation of 1Ø 230V AC, 2HP motor starter with protection relay circuit, manual reset facility	No.	1		
53	Supply and Installation of 6.5kg or more front load, fully Automatic Washing Machine	No.	1		
54	Supply and Installation of heavy duty washing machine trolley stand	No.	1		
55	Supply and Installation of Good Quality of Gate light on main gate pillar (Outer structure made of Cast Iron/ GI and Glass/ Stainless steel, IP65 or better)	Nos.	3		
56	Supply of Domestic clothing light weight iron (Electric iron) (1400 W or better, Steam/ dry iron)	No.	1		
57	Supply of good quality Nylon flexible pipe for Gardening Purpose	meter	100		
58	Long Solar Panel Cleaning Brush Kit Heavy-Duty Nylon Water Brush with PU Pipe & Aluminium Flexible Telescopic Pole 1.5M to 4M for cleaning Solar Panels (Brush: Nylon Bristle, Inline water fed system, Handle material: Aluminum)	No.	1		
59	Standard GI/ Stainless steel Mounting arm with clamps for installation LED street light for main gate front side	No.	1		
60	<ul style="list-style-type: none"> • Supply of PVC suction hose pipe for inlet-10m, outlet-10m and foot valve for 2HP Monoblock Pump, • Hiring of plumber for plumbing work, • Assorted size of screws & SS Nut-bolt, • Rawalplug/ PVC plug for electrical work, • Insulation Tapes, 	LS	1		

	<ul style="list-style-type: none"> • 20mm Plywood plank 1.5x1.5 feet for installation of 2HP Monoblck motor, • 1.5Sq.mmx3C – 10m wire for 2HP motor, • 1.5Sq,mmx1C Red, black and Green wire – 15m each • PVC/ UPVC pipe and accessories and SS Tap for washing machine, • 3 Pin Top 6A -3Nos. 3 & Pin Top 16A – 3Nos. <p>Any other material to complete the work</p>				
	Total Including GST and all Taxes (To be filled and submitted in online GeM BoQ only)				

Annexure-I

PERFORMA FOR DECLARATION OF COMPLIANCE

(On letter head of the firm)

Date:

It is to declare that the replacement of street light poles and electrical accessories and supply of electrical equipment at Navinal VTS station under VTS Directorate Gandhidham in the bid (bid no.) _____ dated _____, fully complied with the required technical specification as mentioned in clause 7.1.

We are aware that in case of absence or deviation off even one specification, our bid may be rejected.

Name of work: वी टी एस निदेशालय गांधीधाम के अंतर्गत नविनाल वीटीएस स्टेशन में स्ट्रीट लाइट पोल और विद्युत सहायक उपकरणों का प्रतिस्थापन और विद्युत उपकरणों की आपूर्ति के संबंध में।

BoQ No.	Description of Item	Specification as per tender clause	Offered Make	Offered Model	BIS/ISI certified YES/ NO
1	Supply and installation of Class C, Heavy Duty (NB) double arm pole	7.1			
2	Supply and installation of Class C, Heavy Duty (NB) single arm	7.1			
3	25W/230V, 50Hz AC LED Street light inbuilt surge protection circuit	7.1			
4	Garden Bollard type pole and 15W LED Lantern	7.1			
5	100W Colour flood light (Red, Yellow, Blue)	7.1			
6	50W flood light	7.1			
7	Supply and installation of 1.5 Sq.mm X 3C Armoured cable	7.1			
8	Electrical pole Junction Box 250x200x100mm	7.1			
9	30A, 6-way Close type connector	7.1			
10	6A/240V Single pole MCB, reputed brand	7.1			
11	Fabrication of copper clamp by using 25X3mm copper strip as per size of GI pole (In 1Mtr = 2 clamps)	7.1			
12	1.5sq.mmX3C PVC insulated & sheathed copper flexible cable	7.1			
13	25 mm PVC Pipe (length of each piece 3 meter) along with accessories long bend and socket for concealed wiring of UG Cable through footing structure	7.1			
14	10A, 2P, MCB for Power House	7.1			
15	6-way MCB Distribution Board in Power House for street light	7.1			

16	25mm steel wire Reinforced PVC flexible grey colour pipe	7.1			
17	Supply and laying of 50mm (2 inch) UPVC pipe for road crossing	7.1			
18	Supply and installation of Miscellaneous items for installation work of street lights: <ul style="list-style-type: none"> • cotton tape for complete work • PVC tape, • 2.5sq.mm pin type-100Nos • PVC sleeve, • Silicon sealant-4nos • Caulking gun, • 250mm Cable Tie-100Nos, • SS Nut-Bolt for fixation of clamp, assorted size of nut bolt for fixation of 6-way connector, • MCB channel strip and its fitting nut-bolt, • Paint brush-3Nos, • Turpentine 5 lit, • Red colour bricks for UG cable marking 450 Nos. or more as per requirement, Any other extra necessary material required for completion of work in all respect	7.1			
19	Labour charges for excavation of cable trench:	7.1			
20	Excavation for pole foundation:	7.1			
21	Construction of footing structure:	7.1			
22	Applying cement primer	7.1			
23	Applying Signal Red Paint	7.1			
24	Applying Metal Primer	7.1			
25	Applying Aluminium Paint	7.1			
26	Demolishing of existing 29 footing structure	7.1			
27	Labour charges for laying of pipes in road crossings and UG cable markings with red colour bricks	7.1			
28	Supply and installation of 2M modular switch board box with matching frame plate and cover plate	7.1			
29	Supply and installation of 3M modular switch board box with matching frame plate and cover plate	7.1			
30	Supply and installation of 4M modular switch board box with matching frame plate and cover plate	7.1			
31	Supply and installation of 6M modular switch board box with matching frame plate and cover plate	7.1			
32	Supply and installation of 8M modular switch board box with matching frame plate and cover plate	7.1			
33	Supplying and fixing 5/6A Modular Switch on the existing modular plate and switch box including	7.1			

	connections				
34	Supplying and fixing 3 pin 5/6A Modular socket outlet, on the existing modular plate and switch box including connections	7.1			
35	Supplying and fixing 15/16A Modular Switch on the existing modular plate and switch box including connections	7.1			
36	Supplying and fixing 6 pin 15/16 Modular Socket on the existing modular plate and switch box including connections	7.1			
37	Supply and installation of 16A universal extension board	7.1			
38	Supply and installation of 1M Modular Electronics Fan Regulator	7.1			
39	Supply and installation of 4 Way SPN DB with earth connection.	7.1			
40	Supply and fixing 5A to 32A rating 240V, 10kA, "C" Curve Single Pole miniature circuit breaker in the existing MCB DB complete with connections, testing and commissioning etc. as required – 6A, 1P MCB	7.1			
41	Supply of 300mm PVC Dom Exhaust fan for installation in power house in the existing opening	7.1			
42	Installation of 300mm exhaust fan in the existing opening including connection, testing, commissioning etc. as required.	7.1			
43	Extra carpentry work including supply and fixation of 19mm plywood on the exiting and SS net fixation at the outer side of opening	7.1			
44	Supply and installation of 12W, Round surface LED Light in power house	7.1			
45	Supply and fixing Modular angle holder including connection etc. as required	7.1			
46	Supply and installation of Self Ballasted 20W LED Lamp	7.1			
47	Supply of 1200mm ceiling fan	7.1			
48	Installation testing and commissioning of ceiling fan	7.1			
49	Supply and Installation of 360° Rotational Adjustable PVC silver colour Street light wall mount stand on Pump house front and side wall	7.1			
50	Supply and Installation of LED Street light 25W/230V,50Hz AC inbuilt with surge protection circuit on existing light point on Pump house front and side wall PVC wall mount bracket	7.1			
51	Supply and Installation of 1Ø 230V AC, 2HP Monoblock Pump	7.1			
52	Supply and Installation of 1Ø 230V AC, 2HP motor starter with protection relay circuit, manual reset facility	7.1			
53	Supply and Installation of 6.5kg or higher front load, fully Automatic Washing Machine	7.1			
54	Supply and Installation of washing machine trolley stand	7.1			
55	Supply and Installation of Good Quality of Gate light on main gate pillar	7.1			
56	Supply of Domestic clothing light weight iron	7.1			

	(Electric iron)				
57	Supply of good quality Nylon flexible pipe for Gardening Purpose	7.1			
58	Long Solar Panel Cleaning Brush Kit Heavy-Duty Nylon Water Brush with PU Pipe & Aluminium Flexible Telescopic Pole 1.5M to 4M for cleaning Solar Panels	7.1			
59	GI Mounting arm with clamps for installation LED street light	7.1			
60	<ul style="list-style-type: none"> • Supply of PVC suction hose pipe for inlet-10m, outlet-10m and foot valve for 2HP Monoblock Pump, • Hiring of plumber for plumbing work, • Assorted size of screws & SS Nut-bolt, • Rawalplug/ PVC plug for electrical work, • Insulation Tapes, • 20mm Plywood plank 1.5x1.5 feet for installation of 2HP Monoblock motor, • 1.5Sq.mmx3C – 10m wire for 2HP motor, • 1.5Sq,mmx1C Red, black and Green wire – 15m each • PVC/ UPVC pipe and accessories and SS Tap for washing machine, • 3 Pin Top 6A -3Nos. 3 & Pin Top 16A – 3Nos. • Any other material to complete the work 	7.1			

Seal & Signature of the Bidder

Date.....

Annexure-II**PROFORMA FOR TENDER ACCEPTANCE LETTER**

(On letter head of the firm)

Date:

To

The Deputy Director General
Directorate of Lighthouses & Lightships
"Deep Bhavan", Sector-8, Plot No.17 Gandhidham-370201

Sub: Acceptance of Terms & Conditions of Tender for Replacement of street light poles and electrical accessories and supply of electrical equipment at Navinal VTS station under VTS Directorate Gandhidham

Tender Reference No: _____

1. We have downloaded / obtained the tender document(s) for the above mentioned "Tender/work" from the web site(s) namely:

_____ as per your advertisement, given in the above-mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents (including all documents like Form(s), schedule(s), etc.), which shall form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organization too has also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above-mentioned tender document/ corrigendum(s) in its totality / entirety.

5. In case any provisions of this tender are 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 earnest money deposit absolutely.

Yours faithfully,

(Signature of the Bidder, with Official seal)

Annexure-III

Performa for Not-Black listing
Non-Blacklisting declaration
(To be given on Company Letter Head)

Date:

To,

Sub: Declaration for Non-Blacklisting

Tender Reference No: _____

Name of Tender / Work: -

Dear Sir,

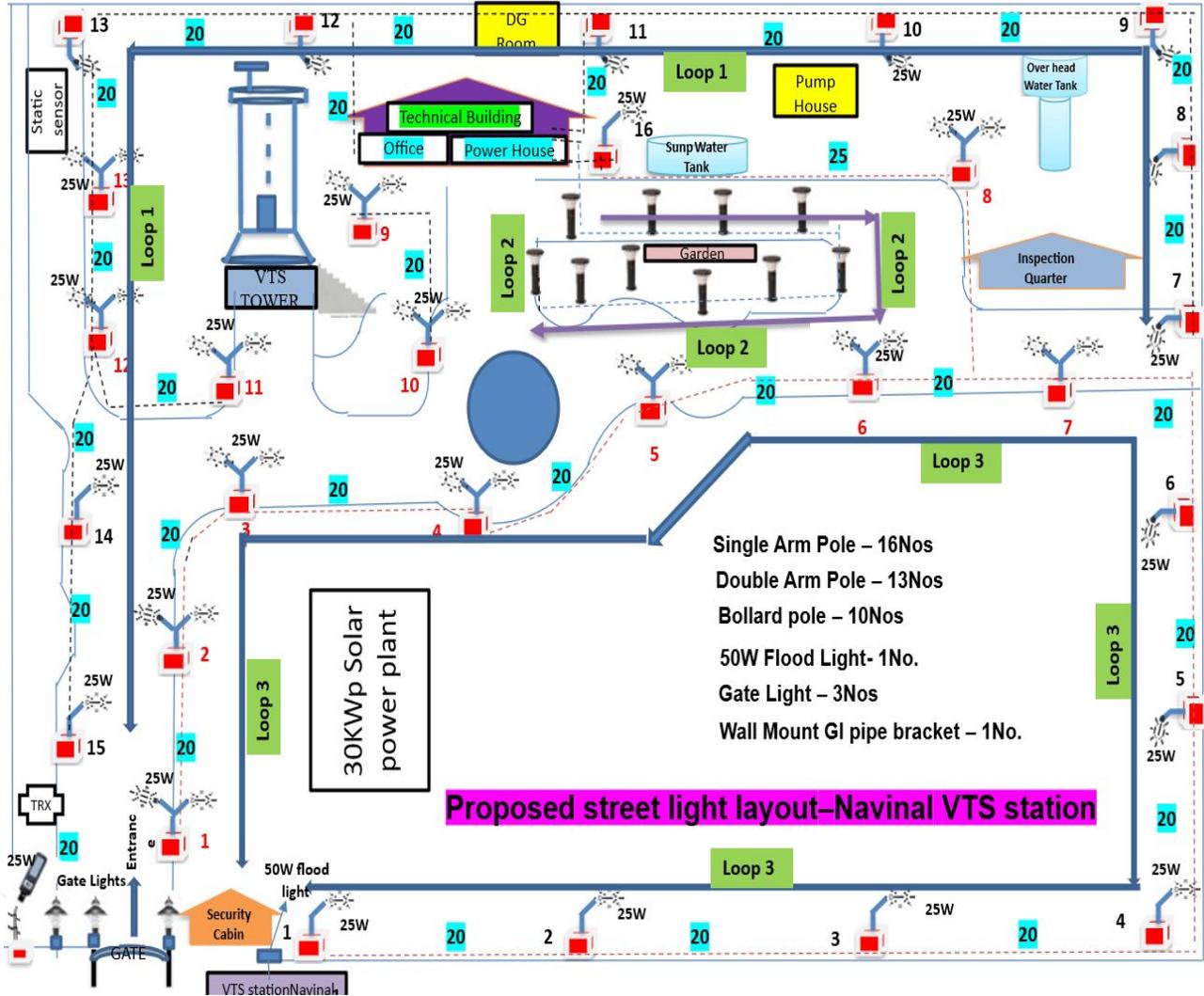
We hereby declare that we are not blacklisted by any Central/ State Government/ bidder of Central/ State Government of India or any other country in the world/ Public Sector Undertaking/ any Regulatory Authorities in India or any other country in the world for any kind of fraudulent activities.

Yours faithfully,

(Signature of the Bidder,
with Official Seal)

Annexure-IV

SCHEMATIC DIAGRAM OF POWER DISTRIBUTION



Annexure-V

Electrical accessories required for Navinal VTS station - A

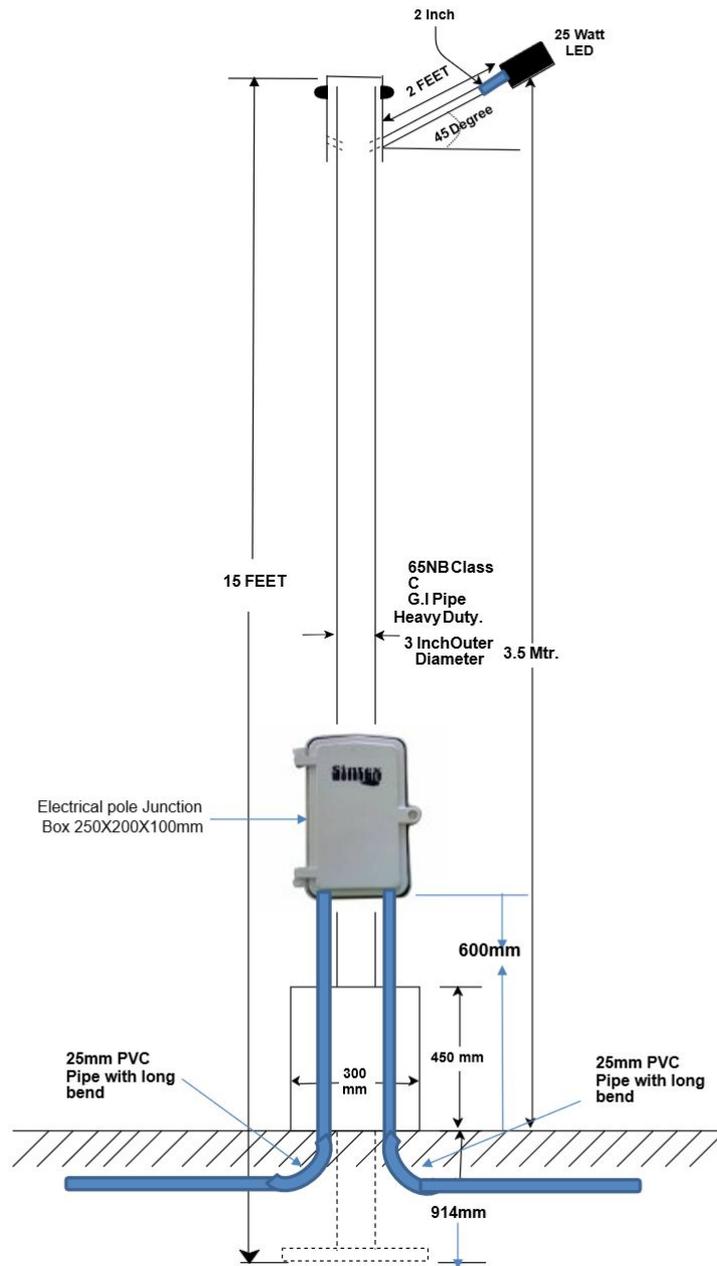
Location	8 M	6 M	4M	3 M	2 M	1M fan regulator	Exhaust Fan 12"	15W Round surface light	M. Angle Holder	20W LED Lamp (for Underground)	6.5kg Washing Machine	2HP Mono Block pump with starter	Ceiling fan	Wall Mount PVC bracket and 25W street light
VTS tower	1	1	1	2	-	-	-	-	-	-	-	-	-	-
Lift C. Room	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Tower st. case	-	-	-	-	9	-	-	-	-	-	-	-	-	-
4 th floor gallery	1	-	1	2	-	-	-	-	-	-	-	-	-	-
1 st floor gallery	-	-	4 way MCB DB	-	-	-	-	-	-	-	-	-	-	-
Ground floor	-	1	1	-	1	-	-	-	3	3	-	1	-	-
Pump House	1	-	-	-	-	-	-	-	-	-	-	-	-	2
Tech. Building	1	1	-	-	-	-	-	-	-	-	-	-	-	-
P.House	-	-	-	-	1	4	1	4	-	-	-	-	6	-
IQ	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Total	4	3	3	5	11	4	1	4	3	3	1	1	6	2
Spares	2	2	2	2	4	2	1	2	1	2	-	-	-	1
G.Total	6	5	5	7	15	6	2	6	4	5	1	1	6	3

Electrical switch board accessories required for Navinal VTS station - B

Location	VTS tower	Lift room	Tower stair case	4 th floor gallery	1 st floor gallery	Power House	Tech. Building	Pump House	Ground floor	Total	Spares	G. Total
6A Switch	16	1	18	12	-	2	10	5	12	76Nos.	14Nos.	90Nos.
16A Switch	2			2	-			1		5Nos.	3Nos.	8Nos.
6A Socket	1	1			-		2			4Nos.	3Nos.	7Nos.
16A Socket	2			2	-			1		5Nos.	3Nos.	8Nos.
MCB 6A	-	-	-	-	4	-	-	-	-	4Nos.	2Nos.	6Nos.

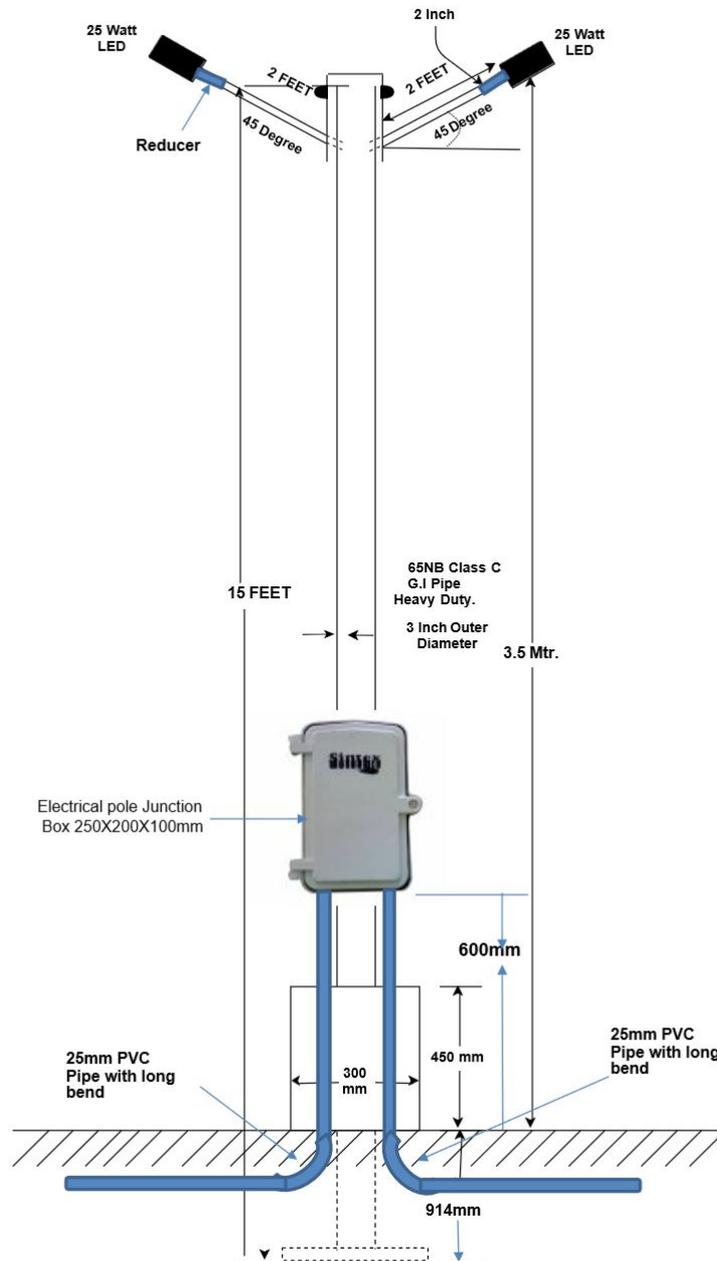
Annexure-VI

Single Arm Street light pole



Annexure-VI-A

Double Arm Street light pole



ANNEXURE -VII

UNDERTAKING

(On letter head of the firm)

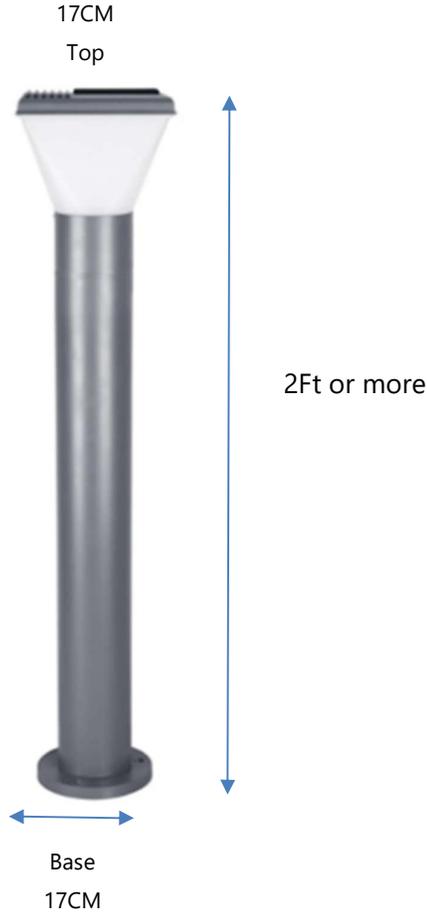
Name of Tender/Work: "Replacement of street light poles and electrical accessories and supply of electrical equipment at Navinal VTS station under VTS Directorate Gandhidham ."

We.....(Agency Name) have thoroughly analyzed/ properly assessed the work requirement and are completely aware of the remote condition of the site mentioned. The quote offered is inclusive of all components completion of work in full in due consideration to site conditions. We shall not raise any additional Cost under any circumstances whatsoever

(Seal of the Company)

Date..... Signature of the bidder.....
or his Authorised signatory Place..... Name of the
bidder..... or his Authorised signatory

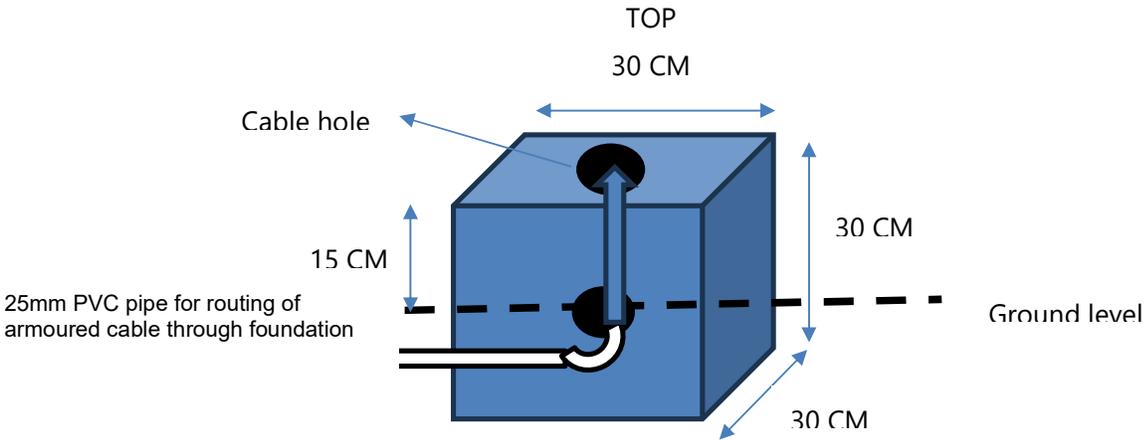
LED Garden Bollard Light (The figure is for reference). The model shall be finalized by Dy DGLL or his representative. It should be of reputed make.



Specifications:

- Material: Aluminum
- Size: 2Ft or more height, 17CM Diameter X 17CM Diameter
- Voltage: 230 V AC
- Light Source: 12W LED (Warm White)
- Lumens: Minimum 800 Lumen
- Installed as: Pathway lighting
- Weather Resistant: Water Proof, IP65 rated for all-weather outdoor

Base for Bollard Lights



Main Gate Light (The figure is for reference). The model shall be finalized by Dy DGLL or his representative. It should be of reputed make.



Specifications:

Material: Cast Iron/ GI and Glass/ Stainless steel

Size: 40CM H, 18CM Diameter, 11CM Diameter

Voltage: 230 V AC

Light Source: 18W LED (Warm White)

Lumens: Minimum 800 Lumen

Installed as: Main Gate Light

Weather Resistant: UV Resistant Water Proof, IP65 rated for all-weather outdoor

Mounting: Gate pillar mount