



नवमंगलूरपत्तनप्राधिकरण
NEW MANGALORE PORT AUTHORITY
यांत्रिक अभियंता विभाग
Mechanical Engineering Department
इलेक्ट्रिकल इंजिनियरिंग डिविजन, पणंबूर, मंगलूर
Electrical Engineering Division
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No.8/9/2025/Elc/CCTV/BO/03

Date: 29.04.2025

To,

Sir,

Sub: -NMPA-EE (E-I)- Supply, Installation, Testing and commissioning of CCTV cameras & allied works at NMPA premises.(Part-1&2) -Budgetary Offer requested- Reg.

Budgetary offer for the work of "Supply, Installation, Testing and commissioning of CCTV cameras& allied works at NMPA premises " invited in accordance with the instructions to the Terms& Conditions as detailed below, may please be submitted addressed to "**The Executive Engineer (Elec-1.), Electrical Division, Administration Building, New Mangalore Port Authority, Panambur, Mangalore- 575010**" not later than **3.00 PM on or before 07.05.2025**

Sl	Item Description	Qty	Unit	Rate(words)	Amount
PART-1:(Railway Marshalling Yard)					
01	Supply of Bullet Camera: 5MP,1/2.9" Progressive CMOS Sensor, 30 fps @ 2560x1920, 60 fps @ 1920x1080 Smart Stream III to Optimize Bandwidth Efficiency Built-in IR Illuminators, Effective up to 50 Meters Remote Focus for Easy Focus Adjustments WDR Pro for Unparalleled Visibility in High Contrast Environments Weather-proof IP66-rated and Vandal-proof IK10-rated Metal Housing SNV (Supreme Night Visibility) for Low Light Conditions Video Rotation for Corridor View DIS (Digital Image Stabilization) with POE power adapter	12	Nos.		
02	Supply of 16 channel Network video recorder as per technical specification	01	Nos		
03	Supply of Client Radio Device: 2x2 MIMO CPE	02	Nos.		
04	Supply of CAT 6, 3 Mtrs Patch Cord	06	Nos.		
05	SUPPLY of 1000VA UPS with inbuilt 7 AH with 1 Year Warranty, 30 Min backup	01	Nos.		
06	Supply of Outdoor Cat 6 Cable	900	Mtrs		
07	SUPPLY of 9 Mtrs HOT DIPED GALVANIZED Pole with Camera Brackets for Mountings with Top Arrester pole	06	Nos.		
08	Civil foundation for Pole erection with civil work& basement foundation	06	Nos		
9	Supply of 6TBHDD as per technical specifications	01	Nos.		
10	Supply of 48"LED monitor	01	No		
11	Supply of 8+1 Port GiGa POE switch as per technical specifications	04	Nos		
12	Supply of RJ45 connector	20	Nos		

13	Supply of outdoor pole rack with power point etc	04	Nos		
14	Supply of Fabrication customized clamps for CCTV Brackets with extension arms - Small Straight for all the camera	12	Nos.		
15	Supply of 3core armoured UG 2.5 sqmm power cable with required Accessories	200	Mtrs		
16	Supply of Electrical Items & accessories (MCB, Sockets, Backbox, Flex) required for power connectivity from nearest location.	01	Locn		
17	Supply of 24V POE Adapter	02	Nos.		
18	Laying of LAN cable : Laying of cable with required size of PVC Casing/PVC Pipe/ HDPE Conduit Pipe in the trench of depth 2 1/2 feet and road cutting (Should provide 4" dia PVC Pipe on road crossing) Cementing the road cutting, laying of cable on tower or wall with necessary materials.	900	Mtrs		
19	Laying of Power cable : Laying of cable with required size of PVC Pipe/ HDPE Conduit Pipe in the trench of depth 2 1/2 feet and road cutting (Should provide 4" dia PVC Pipe on road crossing) Cementing the road cutting, laying of cable on tower or wall with necessary materials.	200	Mtrs		
20	Supply of HDPE Pipe 32/42mm	900	Mtrs		
21	Supply of required of conduit/Flexible pipe/ Casing, Ferruling, T-tag for Naming convention, cable ties	200	Mtrs		
22	Digging & refilling: Trench of depth 2 1/2 feet and road cutting and Cementing the road cutting.	900	Mtrs		
23	Installation & Commissioning of one time activity for all the Items from 1 to 27	1job	Job		
24	Supply of outdoor rack 4U normal rack with power surge spike guard	1	Nos		
25	Supply 4x4 outdoor camera mounting box	12	Nos		
25	Fixing on tower & Pole Camera & Wireless Device Fixing.	14	Nos		
Total in Rs					
Applicable GST(Part-1)					

PART-2: Beach Road (NH-66 to Panamboor Beach point)

01	Supply of Bullet Camera: 5MP,1/2.9" Progressive CMOS Sensor, 30 fps @ 2560x1920, 60 fps @ 1920x1080 Smart Stream III to Optimize Bandwidth Efficiency Built-in IR Illuminators, Effective up to 50 Meters Remote Focus for Easy Focus Adjustments WDR Pro for Unparalleled Visibility in High Contrast Environments Weather-proof IP66-rated and Vandal-proof IK10-rated Metal Housing SNV (Supreme Night Visibility) for Low Light Conditions Video Rotation for Corridor View DIS (Digital Image Stabilization) with POE power adapter	10	Nos		
02	Supply of Client Radio Device: 2x2 MIMO CPE	05	Nos		
03	Supply of CAT 6, 3 Mtrs Patch Cord				
04	Supply of Outdoor Cat 6 Cable				
05	SUPPLY of 9 Mtrs HOT DIPED GALVANIZED Pole with Camera Brackets for Mountings with Top Arrester pole	04	Nos		
06	Civil foundation for Pole erection with civil work& basement foundation	04	Nos		
08	Supply of 48"LED monitor	01	No		
09	Supply of 8+1 Port GiGa POE switch as per technical specifications	03	No		
10	Supply of RJ45 connector	10	No		
11	Supply of outdoor pole rack with power point etc	02	No		
12	Supply of Fabrication customized clamps for CCTV Brackets with extension arms - Small Straight for all the camera	10	No		
13	Supply of 3core armoured UG 2.5 sqmm power cable with required Accessories	800	Mtr		

14	Supply of Electrical Items & accessories (MCB, Sockets, Backbox, Flex) required for power connectivity from nearest location.	02	No		
15	Supply of 24V POE Adapter	06	No		
16	Laying of LAN cable : Laying of cable with required size of PVC Casing/PVC Pipe/ HDPE Conduit Pipe in the trench of depth 2 1/2 feet and road cutting (Should provide 4" dia PVC Pipe on road crossing) Cementing the road cutting, laying of cable on tower or wall with necessary materials.	300	Mtr		
17	Laying of Power cable : Laying of cable with required size of PVC Pipe/ HDPE Conduit Pipe in the trench of depth 2 1/2 feet and road cutting (Should provide 4" dia PVC Pipe on road crossing) Cementing the road cutting, laying of cable on tower or wall with necessary materials.	800	Mtr		
18	Supply of HDPE Pipe 32/42mm	800	Mtr		
19	Supply of required of conduit/Flexible pipe/ Casing, Ferruling, T-tag for Naming convention, cable ties	100	Mtr		
20	Digging & refilling: Trench of depth 2 1/2 feet and road cutting and Cementing the road cutting.	100	Mtr		
21	Supply 4x4 outdoor camera mounting box	10	No		
22	Fixing on tower & Pole Camera & Wireless Device Fixing.	16	No		
23	Installation & Commissioning of one time activity for all the Items from 1 to 22	1job	Job		
Total in Rs					
Applicable GST(Part-2)					
Grand Total (Part1+2)in Rs					
Applicable GST					

TERMS & CONDITIONS:

1. The rate quoted for the items shall be firm and F.O.R destination basis.
2. Applicable GST will be paid as extra as per actual.
3. The complete work of "Supply, Installation, Testing and commissioning of CCTV Cameras & allied works at NMPA premises."
4. Shall have guarantee period of two year after successful completion of work.
- 5 .The contractor shall visit the site before submission of offer.

Executive Engineer (E-I)
Electrical Division, NMPA

Seal and sign of contractor