

# **Part – 2 : Price Bid**

### Bill of Quantities (Annexure III)

<b>National Bank for Agriculture and Rural Development</b>						
<b>Schedule of Quantities</b>						
<b>Name of Work: Supply, Installation, Testing and Commissioning of IP based CCTV Camera System at Sector A Colony of NABARD, Bhopal</b>						
<b>Name of Participating Bidder/ Firm</b>						
Sr. No.	Description	Quantity	Unit	In Figure	In Words	Amount
Item No.1	Supply, Installation, Testing and Commissioning of IP based CCTV Camera including providing and fixing, complete as per technical specification & approved make and as per the direction of Engineer-in- Charge					
1.1	3 MP IP IR Outdoor Bullet Camera	13	Each			
Item No.2	Supply installation, testing and commissioning of 16 channel NVR, complete with licenses etc., complete as per technical specification & approved make and as per the direction of Engineer-in-charge. NVR Included of 2 No of 4TB Surveillance HDD With 3G Connectivity.	01	Each			
Item No.3	Supply installation, testing and commissioning of 32" Monitor Screen for display etc., complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	01	Each			
Item No.4	Supply installation, testing and commissioning of 0.5 KVA online UPS with inbuilt batteries for 60 minutes power backup etc., complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	01	Each			
Item No. 5	Supply installation, testing and commissioning of 9U Rack etc. complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	01	Each			
Item No. 6	Supply, installation, testing and commissioning of 4 +2 Port Gigabit PoE Switch etc., complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	08	Each			
Item No. 7	Supply, installation, testing and commissioning of 5 Port Media Switch complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	02	Each			

Item No. 8	Supply, installation, testing and commissioning of optilink media converter, complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	08	Each			
Item No. 9	Optical Cable Splicing, Connecting And Testing Charges	01	Each			
Item No. 10	Supply of steel tubular pole swaged type as per IS: 2713:1980 complete with base plate painting with one coat of red oxide paint and two coat of aluminium paint, prior approval on drawing is required before manufacturing. Complete as per technical specification & approved make and as per the direction of Engineer-in- Charge.					
10.1	410 SP 58 – 12.00 meter	08	Each			
Item No. 11	Supply installation, testing and commissioning of outdoor junction box for PoE Switch etc. complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	08	Each			
Item No. 12	Supply installation, testing and commissioning of outdoor junction box optical etc. complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	12	Each			
Item No. 13	Supply and drawing of UTP 4 pair Cat 6 LAN cable in the existing surface/ recessed steel/ PVC conduit/ underground etc as required	700	Meter			
Item No. 14	Supply installation, testing and commissioning of 1 meter Ethernet patch cord etc. complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	12	Each			
Item No. 15	Supply installation, testing and commissioning of 6 core OFC cable etc., complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	1200	Meter			
Item No. 16	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc. complete as required etc. complete as per direction of Engineer –in-Charge					
16.1	40 mm dia OD – 40 mm & ID – 32 mm nominal	700	Meter			

Item No. 17	Supply installation, testing and commissioning of workstation for management etc. complete as per technical specification & approved make and as per the direction of Engineer-in-charge	01	Each			
Item No. 18	Supply installation, testing and commissioning of SFP module SM complete as per technical specification & approved make and as per the direction of Engineer-in-charge	16	Each			
Item No. 19	Complete preventive and schedule maintenance of complete installation with providing tools and plant, spare parts and labour etc., including all consumable and non-consumable items.					
19.1	Routine maintenance during defect liability period of 1 year including preventive, break down maintenance	1	Year			
19.2	Comprehensive maintenance for 1 <sup>st</sup> year after completion of defect liability including preventive, break down maintenance	1	Year			
19.3	Comprehensive maintenance for 2 <sup>nd</sup> year after completion of defect liability including preventive, break down maintenance	1	Year			
19.4	Comprehensive maintenance for 3 <sup>rd</sup> year after completion of defect liability including preventive, break down maintenance	1	year			

**(Total Amount in Words \_\_\_\_\_)**

Having understood the provision in the quotation/ BOQ, I/ We quote the aggregate amount of ( \_\_\_\_\_ only) indicated in the BOQ

**Note:**

1. BOQ shall be submitted on this sheet only. BOQ submitted on other sheets/format shall be rejected.
2. The above quoted rates shall be inclusive of all taxes, duties, levies, insurance, installation, transportation costs etc. and also includes provision of all necessary manpower, tools etc. for carrying out this work in effective manner.
3. It is in the interest of bidders to understand the scope of work in consultation with bank officials as per actual site requirement.
4. Firms are requested to submit technical details/ brochures of product of product quoted by them.
5. Length of Digging & STP Cables are estimated and during trenching & lying it may differ up to 10-20 % and difference cost shall be added/subtract from bill if quantity increase or decrease.
6. Length of OFC & STP is estimated/tentative and it may vary during lying.
7. Warranty: 2 year from the date of Supply against manufacturing defects as per OEM warranty conditions, but exclusive of theft, breakage, fire, natural calamity, high voltage, lightning faults etc.
8. No advance payment will be made by NABARD

Place:

Accepted all terms and conditions

Date:

Name of the Firm:

**Seal & Signature:**

Address:

**Name of the Person:**

## Bill of Quantities (Annexure IV)

<b>National Bank for Agriculture and Rural Development</b>						
<b>Schedule of Quantities</b>						
<b>Name of Work: Supply, Installation, Testing and Commissioning of IP based CCTV Camera System at Sector C Colony of NABARD, Bhopal</b>						
<b>Name of Participating Bidder/ Firm</b>						
<b>Sr. No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>In Figure</b>	<b>In Words</b>	<b>Amount</b>
Item No.1	Supply, Installation, Testing and Commissioning of IP based CCTV Camera including providing and fixing, complete as per technical specification & approved make and as per the direction of Engineer-in- Charge					
1.1	3 MP IP IR Outdoor Bullet Camera	07	Each			
Item No.2	Supply installation, testing and commissioning of 16 channel NVR, complete with licenses etc., complete as per technical specification & approved make and as per the direction of Engineer-in-charge. NVR Included of 1 No of 6TB Surveillance HDD With 3G Connectivity.	01	Each			
Item No.3	Supply installation, testing and commissioning of 32" Monitor Screen for display etc., complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	01	Each			
Item No.4	Supply installation, testing and commissioning of 0.5 KVA online UPS with inbuilt batteries for 60 minutes power backup etc., complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	01	Each			
Item No. 5	Supply installation, testing and commissioning of 9U Rack etc. complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	01	Each			
Item No. 6	Supply, installation, testing and commissioning of 4 +2 Port Gigabit PoE Switch etc., complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	05	Each			
Item No. 7	Supply, installation, testing and commissioning of 5 Port Media Switch complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	01	Each			

Item No. 8	Supply, installation, testing and commissioning of optilink media converter, complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	05	Each			
Item No. 9	Optical Cable Splicing, Connecting And Testing Charges	01	Each			
Item No. 10	Supply of steel tubular pole swaged type as per IS: 2713:1980 complete with base plate painting with one coat of red oxide paint and two coat of aluminium paint, prior approval on drawing is required before manufacturing. Complete as per technical specification & approved make and as per the direction of Engineer-in- Charge.					
10.1	410 SP 58 – 12.00 meter	02	Each			
Item No. 11	Supply installation, testing and commissioning of outdoor junction box for PoE Switch etc. complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	05	Each			
Item No. 12	Supply installation, testing and commissioning of outdoor junction box optical etc. complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	05	Each			
Item No. 13	Supply and drawing of UTP 4 pair Cat 6 LAN cable in the existing surface/ recessed steel/ PVC conduit/ underground etc as required	350	Meter			
Item No. 14	Supply installation, testing and commissioning of 1 meter Ethernet patch cord etc. complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	7	Each			
Item No. 15	Supply installation, testing and commissioning of 6 core OFC cable etc., complete as per technical specification & approved make and as per the direction of Engineer-in-charge.	750	Meter			
Item No. 16	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc. complete as required etc. complete as per direction of Engineer –in-Charge					
16.1	40 mm dia OD – 40 mm & ID – 32 mm nominal	350	Meter			

Item No. 17	Supply installation, testing and commissioning of workstation for management etc. complete as per technical specification & approved make and as per the direction of Engineer-in-charge	01	Each			
Item No. 18	Supply installation, testing and commissioning of SFP module SM complete as per technical specification & approved make and as per the direction of Engineer-in-charge	10	Each			
Item No. 19	Complete preventive and schedule maintenance of complete installation with providing tools and plant, spare parts and labour etc., including all consumable and non-consumable items.					
19.1	Routine maintenance during defect liability period of 1 year including preventive, break down maintenance	1	Year			
19.2	Comprehensive maintenance for 1 <sup>st</sup> year after completion of defect liability including preventive, break down maintenance	1	Year			
19.3	Comprehensive maintenance for 2 <sup>nd</sup> year after completion of defect liability including preventive, break down maintenance	1	Year			
19.4	Comprehensive maintenance for 3 <sup>rd</sup> year after completion of defect liability including preventive, break down maintenance	1	year			



**(Total Amount in Words \_\_\_\_\_)**

Having understood the provision in the quotation/ BOQ, I/ We quote the aggregate amount of ( \_\_\_\_\_ only) indicated in the BOQ

**Note:**

1. BOQ shall be submitted on this sheet only. BOQ submitted on other sheets/format shall be rejected.
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4. Firms are requested to submit technical details/ brochures of product of product quoted by them.
5. Length of Digging & STP Cables are estimated and during trenching & lying it may differ up to 10-20 % and difference cost shall be added/subtract from bill if quantity increase or decrease.
6. Length of OFC & STP is estimated/tentative and it may vary during lying.
7. Warranty: 2 year from the date of Supply against manufacturing defects as per OEM warranty conditions, but exclusive of theft, breakage, fire, natural calamity, high voltage, lightning faults etc.
8. No advance payment will be made by NABARD

Place:

Accepted all terms and conditions

Date:

Name of the Firm:

**Seal & Signature:**

Address:

**Name of the Person:**

**END**

