



# Bharat Heavy Electricals Limited

(A Govt. Of India Undertaking)

Power Sector, Eastern Region

BHEL BHAWAN, PLOT NO. DJ-9/1 , SECOTR II , SALT LAKE CITY ,  
KOLKATA

WEST BENGAL, INDIA

Phone : 033-23216130-31,033-23216130 FAX : 033-23211960

Sub	TENDER CHANGE NOTICE (TCN-02) DATED: 1/1/2013
Job	SUPPLY, INSTALLATION AND COMMISSIONING OF SURVEILLANCE CAMERA SYSTEM FOR BHEL PSER WBPDCI-SAGARDIGHI, BSEB BARAUNI AND SIANGARENI SITES INCLUDING ONE YEAR SERVICE WARRANTY AND OPTIONAL ANNUAL MAINTENANCE FOR SUBSEQUENT YEAR (2 ND + 3 RD) AFTER COMPLETION OF SERVICE WARRANTY
Ref	1.PSER:PUR:MSX: 223:127 Dtd.19/12/2012 2.TCN 01 dated 22.12.12

WITH REFERENCE TO ABOVE, FOLLOWING POINTS/ DOCUMENTS, RELEVANT TO TENDER, MAY PLEASE BE NOTED AND COMPLIED WITH WHILE SUBMITTING OFFER

1. Revised BOM, Terms Conditions & specification of tender & revised price schedule is enclosed as per **Annexure: A**. Annexure:A, supersedes all other previous BOMs, price schedules & relevant terms & conditions.
2. EMD Amount is to be read as Rs.1,50,000/- (Rupees One Lakh Fifty Thousand Only).
3. Due date of submission of the tender shall be extended up to 08/01/2013 till (16:00 hrs). The techno commercial bid shall be opened same day on 16:30 hrs.

ALL OTHER TERMS & CONDITIONS OF THE ABOVE TENDER, SHALL REMAIN UNCHANGED.

BIDDERS ARE REQUESTED TO ACKNOWLEDGE BOTH TCN 01 & THIS TCN-02 IN THEIR TECHNO-COMMERCIAL OFFER.

Engineer/ Pur

**ANNEXURE :A**

Revised BOM-02 , Terms & Conditions and specification of Tender, Revised price schedule.

**BILL OF MATERIALS (BOM) FOR SUPPLY, INSTALLATION AND COMMISSIONING OF SURVEILLANCE CAMERA SYSTEM FOR BHEL PSER SAGARDIGHI, BSEB BARAUNI AND SINGARENI SITES**

**Site Name: Sagardighi**

**A. Bill Of material for main Supply Items**

SL. No	Item Description	UoM	Qty
01	IP Outdoor PTZ Camera with power supply & mounting accessories	Nos	6
02	RF devices Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) Tx	Nos	6
02A	RF Device Base station Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) Rx	Nos	1
03	Video recording and management software for 15 cameras expandable upto 50 cameras	lot	1
04	Server with 19" Monitor	Nos	1
05	Viewing Station as workstation with Monitor	Nos	1
06	32" LCD Monitor	Nos	1
07	UPS 2KVA with 30 mins back up @ CMS [ Emerson, APC,WEP ]	Nos	1
08	UPS 0.6KVA with 30 mins back up. With IP66 rated outdoor enclosure [ Emerson, APC,WEP ]	Nos	6
<b>B. Rate Contract - Supply</b>			
09	Supply of Power cable 3C 1.5 sq mm armoured	Mtr	90
10	Supply of CAT 6 STP	Mtr	305
11	Supply of Casing or conduit	Mtr	100
12	Supply of 6 core armoured OFC saddling over the wall	Mtr	100
13	Networking components like LIU, pigtaills, patch chords, media convertors, etc	Lumpsum Per Node	6
13A	RF Device Base station Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) Rx	Nos	1
<b>C. Rate Contract - Service</b>			
14	Installation Power cable 3C 1.5 sq mm armoured	Mtr	90
15	Laying of CAT 6 STP <b>(With casing or Conduit )</b>	Mtr	305
16	Laying of 6 core armoured OFC saddling over the wall]	Mtr	100
17	Trenching work like excavation	Mtr	100
18	Installation Commissioning and testing Charges complete system	Lump sum	1
19	Lump Sum charges [ which includes dismantling , shifting within sites , reinstalling & commissioning at the new place ] for shifting of each camera & accessories ( if any ) .  [ OFC, UTP & other accessories if required shall be supplied by vendor as per rates quoted in the BOQ ] if Pole is with in vendor scope then pole is included in shifting job	Lump sum	3
20	Lumpsum charge ( as per clause No.37 B of RFP ) for shifting of surveillance camera system alongwith accessories excepting Pole, to other site / location. [ pole , OFC, UTP & other accessories if required shall be supplied by vendor as per rates quoted in the BOQ ]	Unit Rate	1

<b>Optional Rates- PART &lt;D&gt;</b>			
01	AMC Charged for 2 year - after 1 year warranty period	lumpsup	1
02	8 port L2 switch - commercial grade to be placed indoors for CMS	Nos	1
<b>03</b>	8 port L2 switch Industrial grade for outdoor Perimeter with encloser	Nos	1
04	9 Meter Pole / Tower for RF link	Nos	1
<b>05</b>	6 m Pole for mounting of PTZ camera	Nos	1

# Site Name: BSEB Barauni

## A. Bill Of material for main Supply Items

SN	Item Description	UoM	Qty
01	IP Outdoor PTZ Camera with power supply & mounting accessories	Nos	6
02	RF devices Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) - TX	Nos	6
02A	RF Device Base station Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) - Rx	Nos	1
03	Video recording and management software for 15 cameras expandable upto 50 cameras	lot	1
04	Server with 19" Monitor	Nos	1
05	Viewing Station as workstation with Monitor	Nos	1
06	32" LCD Monitor	Nos	1
07	UPS 2KVA with 30 mins back up @ CMS [ Emerson, APC,WEP ]	Nos	1
08	UPS 0.6KVA with 30 mins back up. With IP66 rated outdoor encloser [ Emerson, APC,WEP ]	Nos	6

## B. Rate Contract - Supply

09	Supply of Power cable 3C 1.5 sq mm armoured	Mtr	90
10	Supply of CAT 6 STP	Mtr	305
	Supply of Casing or conduit	Mtr	100
11	Supply of 6 core armoured OFC saddling over the wall	Mtr	100
12	Networking components like LIU, pigtails, patch chords, media convertors, etc	Lumpsum Per Node	1
13	<b>9 Meter Pole / Tower for RF link and camera</b>	Nos	<b>6</b>
13A	RF Device Base station Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) Rx	Nos	1

## C. Rate Contract - Service

14	Installation Power cable 3C 1.5 sq mm armoured	Mtr	90
15	Laying of CAT 6 STP <b>(With casing or Conduit )</b>	Mtr	305
16	Laying of 6 core armoured OFC saddling over the wall]	Mtr	100
17	Trenching work like excavation	Mtr	100
18	Installation Commissioning and testing Charges complete system	Lumpsum	1
19	Lump Sum charges [ which includes dismantling , shifting within sites , reinstalling & commissioning at the new place ] for shifting of each camera & accessories ( if any ) . [ OFC, UTP & other accessories if required shall be supplied by vendor as per rates quoted in the BOQ ] if Pole is with in vendor scope then pole is included in shifting job	Lump sum	3
20	Lumpsum charge ( as per clause No.37 B of RFP ) for shifting of surveillance camera system alongwith accessories excepting Pole, to other site / location. [ pole , OFC, UTP & other accessories if required shall be supplied by vendor as per rates quoted in the BOQ ]	Unit Rate	1

**(Quantity of Cables/Conduits etc under rate contract are tentative**

<b>D. Optional Rates- PART</b>			
01	AMC Charged for 2 year - after 1 year warranty period	lumpsup	1
<b>02</b>	8 port L2 switch - commercial grade to be placed indoors for CMS	Nos	<b>1</b>
<b>03</b>	8 port L2 switch Industrial grade for outdoor Perimeter with outdoor enclose	Nos	<b>1</b>
<b>04</b>	6 m Pole for mounting of PTZ camera	Nos	<b>1</b>

# Site Name: Singreni

## A. Bill Of material for main Supply Items

SL. No	Item Description	UoM	Qty
01	IP Outdoor PTZ Camera with power supply & mounting accessories	Nos	6
02	RF devices Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) TX	Nos	6
02A	RF Device Base station Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) Rx	Nos	1
03	Video recording and management software for 15 cameras expandable upto 50 cameras	lot	1
04	Server with 19" Monitor	Nos	1
05	Viewing Station as workstation with Monitor	Nos	1
06	32" LCD Monitor	Nos	1
07	UPS 2KVA with 30 mins back up @ CMS [ Emerson, APC,WEP ]	Nos	1
08	UPS 0.6KVA with 30 mins back up. With IP66 rated outdoor encloser [ Emerson, APC,WEP ]	Nos	6
<b>B. Rate Contract - Supply</b>			
09	Supply of Power cable 3C 1.5 sq mm armoured	Mtr	90
10	Supply of CAT 6 STP	Mtr	305
	Supply of Casing or conduit	Mtr	100
11	Supply of 6 core armoured OFC saddling over the wall	Mtr	100
12	Networking components like LIU, pigtails, patch chords, media converters, etc	Lumpsum Per Node	1
13	<b>9 Meter Pole / Tower for RF link &amp; Camera</b>	<b>Unit Rate</b>	<b>6</b>
13A	RF Device Base station Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) Rx	Nos	1
<b>C. Rate Contract - Service</b>			
14	Installation Power cable 3C 1.5 sq mm armoured	Mtr	90
15	Laying of CAT 6 STP <b>(With casing or Conduit )</b>	Mtr	305
16	Laying of 6 core armoured OFC saddling over the wall]	Mtr	100
17	Trenching work like excavation	Mtr	100
18	Installation Commissioning and testing Charges complete system	Lump sum	1
19	Lump Sum charges [ which includes dismantling , shifting within sites , reinstalling & commissioning at the new place ] for shifting of each camera & accessories ( if any ) . [ OFC, UTP & other accessories if required shall be supplied by vendor as per rates quoted in the BOQ ] if Pole is with in vendor scope then pole is included in shifting job	Lump sum	3
20	Lumpsum charge ( as per clause No.37 B of RFP ) for shifting of surveillance camera system alongwith accessories excepting Pole, to other site / location. [ pole , OFC, UTP & other accessories if required shall be supplied by vendor as per rates quoted in the BOQ ]	Unit Rate	1

<b>(Quantity of Cables/Conduits etc under rate contract are tentative )</b>			
<b>D. Optional Rates- PART</b>			
01	AMC Charged for 2 year - after 1 year warranty period	lumpsup	1
02	8 port L2 switch - commercial grade to be placed indoors for CMS	Nos	1
03	8 port L2 switch Industrial grade for outdoor Perimeter with enclose	Nos	1
04	6 m Pole for mounting of PTZ camera	Nos	1

## Revised Payment Terms (Page No 17)

### PAYMENT TERMS:

Site wise separate order shall be placed on respective L1 vendor.

1. 60% of order value shall be released on completion of delivery whole set up for a site.
2. 30% of order value shall be released on installation & commissioning of of the whole set up for a site.
3. 10% of order value for a site shall be released on the completion of the warranty period (one year) or can be released after delivery and installation & against 10% PBG (Performance bank Guarantee) valid till warranty period.

**Annexure-3 (Detailed device specification), pertaining to (h) Network Dome PTZ Camera, point No 32 (page no. 26)**

32	SDHC/SD Memory Card	Slot shall be available  Shall be read as  Slot shall be available and supported upto 32GB	
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**Annexure-3 (Detailed device specification), pertaining to (h) Network Dome PTZ Camera, point No 45 (page no. 27)**

45	Ambient Operating Humidity	90 % or less (no condensation)  Shall be read as  96 % or less (no condensation)	
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**Annexure-3 (Detailed device specification), pertaining to point (i) Video Management Software) (page no. 30)**

**Page No 30 point No Tail (i) Video Management Software:**

Approved Make: IQVision / Milestone Professional / Genetec / Nice / IOmniscient / SeeTec / Godrej.

Shall be read as

Approved Make: IQVision / Milestone Professional / Genetec / Nice / IOmniscient / SeeTec.

**Annexure-3 (Detailed device specification), pertaining to (h) Network Dome PTZ Camera,**

**point No 40) (page no. 27)**

40	Power Source and consumption	12 V DC, PoE (IEEE802.3af compliant) Consumption 12 V DC : 690 mA  Shall be read as  12 / 24 V DC Consumption with in 60 Watt (+-)	
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**Annexure-3 (Detailed device specification), pertaining to (f) 8 Port 10/100 Mbps Layer 2 switch with 2 Gigabit Combo Ports at CMS point No 11 (Page No 24)**

11	Approved Makes	Cisco/ Moxa/ Ruggedcom/ Garrettcom/ Digisol  Shall be read as  Cisco, HP, Juniper	
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**Annexure-3 (Detailed device specification), pertaining to (d) Shielded CAT6 Cable point No 8 (Page No 22)**

8	Approved Make	Cisco, R & M, Nortel, 3Com, Digilink  Shall be read as  R & M, Nortel, 3Com, Molex.	
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**Revised Price Schedule**

<b>VOL-III (Price schedule)</b>							<b>Volume-III</b>
Price Schedule on the BOM 02 as mentioned in the scope of work (SUPPLY PART, SERVICE PART AND OPTIONAL ITEMS):							
<b>Site Name: Sagardighi Site</b>							
<b>SL. No.</b>	<b>Item Description</b>	<b>UoM</b>	<b>Qty</b>	<b>Unit Basic Rate</b>	<b>CST/VAT</b> <small>(% &amp; Amount without C-Form)</small>	<b>ED WITH CESS</b> <small>(% &amp; amount)</small>	<b>Total Amount</b>
<b>A. Bill Of material for main Supply Items</b>							
01	IP Outdoor PTZ Camera with power supply & mounting accessories	Nos	6				
02	RF devices Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) Tx	Nos	6				
02A	RF Device Base station Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) Rx	Nos	1				
03	Video recording and management software for 15 cameras expandable upto 50 cameras	lot	1				
04	Server with 19" Monitor	Nos	1				
05	Viewing Station as workstation with Monitor	Nos	1				
06	32" LCD Monitor	Nos	1				
07	UPS 2KVA with 30 mins back up @ CMS [ Emerson, APC,WEP ]	Nos	1				
08	UPS 0.6KVA with 30 mins back up. With IP66 rated outdoor encloser [ Emerson, APC,WEP ]	Nos	6				
<b>Total&lt;A&gt;(sum of total prices inclusive of taxes &amp; duties from sl no. 1 to sl. No. 8)</b> <b>(Rupees.....)</b>							
<b>B. Rate Contract - Supply</b>							
09	Supply of Power cable 3C 1.5 sq mm armoured	Mtr	90				
10	Supply of CAT 6 STP	Mtr	305				
11	Supply of Casing or conduit	Mtr	100				
12	Supply of 6 core armoured OFC saddling over the wall	Mtr	100				
13	Networking components like LIU, pigtails, patch chords, media convertors, etc	Lumps um Per Node	6				

**Site Name: Sagardighi Site**

SL. No.	Item Description	UoM	Qty	Unit Basic Rate	CST/VAT (% & Amount without C-Form)	ED WITH CESS (% & amount)	Total Amount
13A	RF Device Base station Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) Rx	Nos	1				
<b>Total &lt;B&gt;: (sum of total prices inclusive of taxes &amp; duties from sl no. 9 to sl. No. 13A)</b>  <b>Quantity of Cables/Conduits etc under rate Contract are tentative and shall be paid on actual basis:</b> <b>(Rupees.....)</b>							

**C.Rate Contract -Service**

SL. No.	Item Description	UoM	Qty	Unit Basic Rate	Service Tax (% & amount)	Total amount	
14	Installation Power cable 3C 1.5 sq mm armoured	Mtr	90				
15	Laying of CAT 6 STP <b>(With casing or Conduit )</b>	Mtr	305				
16	Laying of 6 core armoured OFC saddling over the wall]	Mtr	100				
17	Trenching work like excavation	Mtr	100				
18	Installation Commissioning and testing Charges complete system	Lump sum	1				
19	Lump Sum charges [ which includes dismantling , shifting within sites , reinstalling & commissioning at the new place ] for shifting of each camera & accessories ( if any ) .  [ OFC, UTP & other accessories if required shall be supplied by vendor as per rates quoted in the BOQ ] if Pole is with in vendor scope then pole is included in shifting job	Lump sum	3				
20	Lumpsum charge ( as per clause No.37 B of RFP ) for shifting of surveillance camera system alongwith accessories excepting Pole, to other site / location. [ pole , OFC, UTP & other accessories if required shall be supplied by vendor as per rates quoted in the BOQ ]	Unit Rate	1				
<b>Total&lt;C&gt;(sum of total prices inclusive of taxes &amp; duties from sl no. 14 to sl. No. 20) Quantity of (Quantity of Cables/Conduits etc under rate Contract are tentative and shall be paid on actual basis):</b> <b>(Rupee.....)</b>							

**Grand Total cost to BHEL F.O.R. Sagardighi site (Total <A> + Total<B> + Total <C>)** :

**CENVATABLE ED AMOUNT (Rs.)** :

**Evaluation price = Net CENVAT Grand total cost to BHEL F.O.R. Sagardighi Site (Grand total cost to BHEL** :

**F.O.R. Sagardighi site – CENVATABLE ED)**

Note:-

- Evaluation shall be on Net CENVAT Grand total cost to BHEL as above. Transportation, Transit insurance etc. are with vendor scope & same shall be borne by vendor.
- CENVATABLE ED amount which can be passed on to BHEL by the bidder will not be considered for evaluation of the offer. (Ref. Cl. No. 09, PART-B).
- Discounts offer by the vendor in price shall not be entertained by BHEL. (Ref. cl. 10. PART-B).
- Bidder should mention CENVATABLE ED amount as indicated above otherwise construed it will be NIL and/or CENVAT benefit cannot be passed on to BHEL by the bidder.
- Purchase order shall be issued on all inclusive Grand Total Price. Original excise invoice shall be submitted by the bidder to claim CENVATABLE ED amount.

SIGNATURE OF THE BIDDER  
WITH SEAL AND DATE

### **Site Name: Sagardighi Site**

#### **D. Optional Rates- PART (Shall not be considered for evaluation)**

<b>SL. No</b>	<b>Item Description</b>	<b>UoM</b>	<b>Qty</b>	<b>Unit Basic Rate</b>	<b>Applicable Taxes &amp; Duties</b>	<b>Total amount</b>
01	AMC Charged for 2 year - after 1 year warranty period	lumpsup	1			
02	8 port L2 switch - commercial grade to be placed indoors for CMS	Nos	1			
03	8 port L2 switch Industrial grade for outdoor Perimeter with encloser	Nos	1			
04	9 Meter Pole / Tower for RF link	Nos	1			
05	6 m Pole for mounting of PTZ camera	Nos	1			

SIGNATURE OF THE BIDDER  
WITH SEAL AND DATE

Price Schedule on the BOM 02 as mentioned in the scope of work  
(SUPPLY PART, SERVICE PART AND OPTIONAL ITEMS):

**Site Name: BSEB BARAUNI Site**

SL. No.	Item Description	UoM	Qty	Unit Basic Rate	CST/VAT (% & Amonut without C-Form)	ED WITH CESS (% & amount)	Total Amount
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**A. Bill Of material for main Supply Items**

01	IP Outdoor PTZ Camera with power supply & mounting accessories	Nos	6				
02	RF devices Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) - TX	Nos	6				
02A	RF Device Base station Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) - Rx	Nos	1				
03	Video recording and management software for 15 cameras expandable upto 50 cameras	lot	1				
04	Server with 19" Monitor	Nos	1				
05	Viewing Station as workstation with Monitor	Nos	1				
06	32" LCD Monitor	Nos	1				
07	UPS 2KVA with 30 mins back up @ CMS [ Emerson, APC,WEP ]	Nos	1				
08	UPS 0.6KVA with 30 mins back up. With IP66 rated outdoor encloser [ Emerson, APC,WEP ]	Nos	6				
<b>Total&lt;A&gt;(sum of total prices inclusive of taxes &amp; duties from sl no. 1 to sl. No. 8):</b> <b>(Rupees.....)</b>							

**B. Rate Contract - Supply**

09	Supply of Power cable 3C 1.5 sq mm armoured	Mtr	90				
10	Supply of CAT 6 STP	Mtr	305				
	Supply of Casing or conduit	Mtr	100				
11	Supply of 6 core armoured OFC saddling over the wall	Mtr	100				
12	Networking components like LIU, pigtails, patch chords, media convertors, etc	Lumpsu m Per Node	1				

**Site Name: BSEB BARAUNI Site**

SL. No.	Item Description	UoM	Qty	Unit Basic Rate	CST/VAT (% & Amount without C-Form)	ED WITH CESS (% & amount)	Total Amount
13	<b>9 Meter Pole / Tower for RF link and camera</b>	Nos	<b>6</b>				
13A	RF Device Base station Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) Rx	Nos	1				
<b>Total &lt;B&gt;(sum of total prices inclusive of taxes &amp; duties from sl no. 9 to sl. No. 13A)</b>  <b>Quantity of Cables/Conduits etc under rate Contract are tentative and shall be paid on actual basis:</b> <b>(Rupees.....)</b>							

**C.Rate Contract –Service**

SL. No.	Item Description	UoM	Qty	Unit Basic Rate	Service Tax (% & amount)	Total amount	
14	Installation Power cable 3C 1.5 sq mm armoured	Mtr	90				
15	Laying of CAT 6 STP <b>(With casing or Conduit )</b>	Mtr	305				
16	Laying of 6 core armoured OFC saddling over the wall]	Mtr	100				
17	Trenching work like excavation	Mtr	100				
18	Installation Commissioning and testing Charges complete system	Lumpsum	1				
19	Lump Sum charges [ which includes dismantling , shifting within sites , reinstalling & commissioning at the new place ] for shifting of each camera & accessories ( if any ) . [ OFC, UTP & other accessories if required shall be supplied by vendor as per rates quoted in the BOQ ] if Pole is with in vendor scope then pole is included in shifting job	Lump sum	3				
20	Lumpsum charge ( as per clause No.37 B of RFP ) for shifting of surveillance camera system alongwith accessories excepting Pole, to other site / location. [ pole , OFC, UTP & other accessories if required shall be supplied by vendor as per rates quoted in the BOQ ]	Unit Rate	1				
<b>Total&lt;C&gt;(sum of total price inclusive of taxes &amp; duties from sl no. 14 to sl. No. 20)(Quantity of Cables/Conduits etc under rate Contract are tentative and shall be paid on actual basis):</b> <b>(Rupee.....)</b>							

Grand Total cost to BHEL F.O.R. BARAUNI Site (Total <A> + Total<B> + Total <C>)

CENVATABLE ED AMOUNT (Rs.)

Evaluation price = Net CENVAT Grand total cost to BHEL F.O.R. Barauni Site (Grand total cost to BHEL F.O.R. Barauni site – CENVATABLE ED)

Note:-

- Evaluation shall be on Net CENVAT Grand total cost to BHEL as above. Transportation, Transit insurance etc. are with vendor scope & same shall be borne by vendor.
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- Discounts offer by the vendor in price shall not be entertained by BHEL. (Ref. cl. 10. PART-B).
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- Purchase order shall be issued on all inclusive Grand Total Price. Original excise invoice shall be submitted by the bidder to claim CENVATABLE ED amount.

SIGNATURE OF THE BIDDER  
WITH SEAL AND DATE

**Site Name: BSEB BARAUNI Site**

**D. Optional Rates- PART (Shall not be considered for evaluation)**

SL. No	Item Description	UoM	Qty	Unit Basic Rate	Applicable Taxes & Duties	Total amount
01	AMC Charged for 2 year - after 1 year warranty period	lumpsup	1			
02	8 port L2 switch - commercial grade to be placed indoors for CMS	Nos	1			
03	8 port L2 switch Industrial grade for outdoor Perimeter with outdoor enclose	Nos	1			
04	6 m Pole for mounting of PTZ camera	Nos	1			

SIGNATURE OF THE BIDDER  
WITH SEAL AND DATE

Price Schedule on the BOM02 as mentioned in the scope of work  
(SUPPLY PART, SERVICE PART AND OPTIONAL ITEMS):

**Site Name: Singareni Site**

SL. No.	Item Description	UoM	Qty	Unit Basic Rate	CST/VAT <small>(% &amp; Amonut without C-Form)</small>	ED WITH CESS <small>(% &amp; amount)</small>	Total Amount
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**A. Bill Of material for main Supply Items**

01	IP Outdoor PTZ Camera with power supply & mounting accessories	Nos	6				
02	RF devices Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) TX	Nos	6				
02A	RF Device Base station Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) Rx	Nos	1				
03	Video recording and management software for 15 cameras expandable upto 50 cameras	lot	1				
04	Server with 19" Monitor	Nos	1				
05	Viewing Station as workstation with Monitor	Nos	1				
06	32" LCD Monitor	Nos	1				
07	UPS 2KVA with 30 mins back up @ CMS [ Emerson, APC,WEP ]	Nos	1				
08	UPS 0.6KVA with 30 mins back up. With IP66 rated outdoor encloser [ Emerson, APC,WEP ]	Nos	6				
<b>Total&lt;A&gt;(sum of total prices inclusive of taxes &amp; duties from sl no. 1 to sl. No. 08)</b> <b>(Rupees.....)</b>							

**B. Rate Contract - Supply**

09	Supply of Power cable 3C 1.5 sq mm armoured	Mtr	90				
10	Supply of CAT 6 STP	Mtr	305				
	Supply of Casing or conduit	Mtr	100				
11	Supply of 6 core armoured OFC saddling over the wall	Mtr	100				
12	Networking components like LIU, pigtaills, patch chords, media converters, etc	Lump sum Per Node	1				

**Site Name: Singareni Site**

SL. No.	Item Description	UoM	Qty	Unit Basic Rate	CST/VAT (% & Amonut without C-Form)	ED WITH CESS (% & amount)	Total Amount
13	<b>9 Meter Pole / Tower for RF link &amp; Camera</b>	<b>Unit Rate</b>	<b>6</b>				
13A	RF Device Base station Unlicensed ISM band 5.725-5.875GHz. Or 2.4 GHz (License free) Rx	Nos	1				
<b>Total &lt;B&gt;:(sum of total prices inclusive of taxes &amp; duties from sl no. 9 to sl. No. 13A)</b>							
<b>Quantity of Cables/Conduits etc under rate Contract are tentative and shall be paid on actual basis: (Rupees.....)</b>							

**C.Rate Contract -Service**

SL. No.	Item Description	UoM	Qty	Unit Basic Rate	Service Tax (% & amount)	Total amount	
14	Installation Power cable 3C 1.5 sq mm armoured	Mtr	90				
15	Laying of CAT 6 STP <b>(With casing or Conduit )</b>	Mtr	305				
16	Laying of 6 core armoured OFC saddling over the wall]	Mtr	100				
17	Trenching work like excavation	Mtr	100				
18	Installation Commissioning and testing Charges complete system	Lump sum	1				
19	Lump Sum charges [ which includes dismantling , shifting within sites , reinstalling & commissioning at the new place ] for shifting of each camera & accessories ( if any ) . [ OFC, UTP & other accessories if required shall be supplied by vendor as per rates quoted in the BOQ ] if Pole is with in vendor scope then pole is included in shifting job	Lump sum	3				
20	Lumpsum charge ( as per clause No.37 B of RFP ) for shifting of surveillance camera system alongwith accessories excepting Pole, to other site / location. [ pole , OFC, UTP & other accessories if required shall be supplied by vendor as per rates quoted in the BOQ ]	Unit Rate	1				
<b>Total&lt;C&gt; (sum of total prices inclusive of taxes &amp; duties from sl no. 14 to sl. No. 20)</b>							
<b>(Quantity of Cables/Conduits etc under rate Contract are tentative and shall be paid on actual basis): (Rupee.....)</b>							

Grand Total cost to BHEL F.O.R. Singareni site (Total <A> + Total<B> + Total <C>) :

CENVATABLE ED AMOUNT (Rs.) :

Evaluation price = Net CENVAT Grand total cost to BHEL F.O.R. Singareni Site (Grand total cost to BHEL F.O.R. Singareni site – CENVATABLE ED) :

Note:-

- Evaluation shall be on Net CENVAT Grand total cost to BHEL as above. Transportation, Transit insurance etc. are with vendor scope & same shall be borne by vendor.
- CENVATABLE ED amount which can be passed on to BHEL by the bidder will not be considered for evaluation of the offer. (Ref. Cl. No. 09, PART-B).
- Discounts offer by the vendor in price shall not be entertained by BHEL. (Ref. cl. 10. PART-B).
- Bidder should mention CENVATABLE ED amount as indicated above otherwise construed it will be NIL and/or CENVAT benefit cannot be passed on to BHEL by the bidder.
- Purchase order shall be issued on all inclusive Grand Total Price. Original excise invoice shall be submitted by the bidder to claim CENVATABLE ED amount.

SIGNATURE OF THE BIDDER  
WITH SEAL AND DATE

### Site Name: Singareni Site

#### D. Optional Rates- PART (Shall not be considered for evaluation)

SL. No	Item Description	UoM	Qty	Unit Basic Rate	Applicable Taxes & Duties	Total amount
01	AMC Charged for 2 year - after 1 year warranty period	lumpsup	1			
02	8 port L2 switch - commercial grade to be placed indoors for CMS	Nos	1			
03	8 port L2 switch Industrial grade for outdoor Perimeter with enclose	Nos	1			
04	6 m Pole for mounting of PTZ camera	Nos	1			

SIGNATURE OF THE BIDDER  
WITH SEAL AND DATE