

TERMS AND CONDITIONS**1. BRIEF SCOPE:**

1.1 Design, Supply, Installation, Testing & Commissioning of Solar PV Power plants at NEEPCO's Guest Houses at different locations as mentioned under cl. 1.2 below with Solar PV Modules, Power Conditioning Unit along with other Balance of System (BOS) and all integrated components for providing power supply to meet the dedicated light, fan and other 'non-power' loads at the guest houses of NEEPCO including Comprehensive Maintenance Service (CMS) of the systems for 5(five) years after commissioning.

1.2 Solar PV Plants location with capacity:

SN	Location	Capacity (kWp)
1	Guest House at Kopili HEP Umromgso, Assam	5
2	Guest House -I at AGBPP, Bokoloni, Dibrugarh, Assam	6
3	Guest House-II at AGBPP, Bokuloni, Dibrugarh, Assam	6
4	Guest House at Kameng HEP, Kimi, Arunachal Pradesh	5
5	Guest House at Kameng HEP, Bichom	5

1.3 The schedule of technical particulars and Bill of Materials are attached as **Annexure-II** & **Annexure-III** respectively.

2. CONTRACT VALUE:

The total contract value for the entire scope of work shall be ₹ 41, 65,799.28 (Forty One Lakhs Sixty Five Thousand Seven Hundred Ninety Nine and Paise Twenty Eight) inclusive of all applicable taxes & duties. The Summary Price Schedule-I and break up Price Schedules -A, B-1, B-2, C-1 & C-2 for respective Guest Houses are attached.

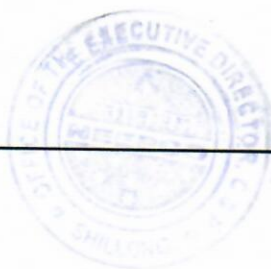
The prices shall remain FIRM during the entire period of contract and no escalation shall be allowed.

3. COMPLETION TIME:

Entire scope of supply, installation & commissioning works under this contract shall be completed within 90(Ninety) days from the date of issue of Letter of Intent. The completion of work in the last location shall be considered as the completion date of entire scope of work under this contract.

4. PERFORMANCE GUARANTEE.

Within 15(Fifteen) days from the date of issue of Letter of Intent, the Contractor shall furnish a Bank Guarantee in the prescribed format, for an amount equal to 10 (ten) percent of the total Contract value by way of Guarantee for the due and faithful performance of the Contract. The Performance Guarantee shall be initially



kept valid for such period to cover 90 (ninety) days beyond the date of completion of warranty period as stipulated in Cl. No. 31.1 (a) , Section-III of bid document.

5. ACCEPTANCE OF LOI:

The contractor shall give unconditional acceptance of the Letter of Intent (LOI) within 3(three) days from the date of issue of LOI.

6. DETAILED ORDER:

The detailed order will be placed on unconditional acceptance of the Letter of Intent.

7. OTHER TERMS AND CONDITIONS:

All other terms and conditions of bid document shall prevail.



A. Ailish
06/04/17
Sr. Manager (E)
O/o The Executive Director (G & S)
NEPCO Ltd., Shillong-3

ANNEXURE-II

SCHEDULE OF TECHNICAL PARTICULARS

i) SPV Modules

Particulars	Specification offered
1 Type of Module(Mono/Polycrystalline)	POLY CRYSTALLINE
2 Name of Manufacture	WEBSOL/HR/WAAREE/SOVA OR EQUIVALENT
3 If RFID tag provided	YES
4 Max power at STC Pmax(W)	250 WP for 5 kw/ 300 wp for 6kw
5 Max power voltage Vmp(V)	30.7 V/36.60
6 Max power current Imp(A)	8.15 A/ 8.20 A
7 Open circuit voltage Voc(V)	37.7 V/ 45.00
8 Short circuit current Isc(A)	8.60 A/8.90
9 Load voltage Vld(V)	>28 v/32v
10 Conversion Efficiency	>15.2%
11 No of cells per module	72
12 Solar module frame material	Anodized Aluminium frame with twin wall profile.
13 Module Dimension	1645X992X42/ 1956 x 992 x 40 mm
14 Module Weight	21/ 26 kgs approx
15 No of Modules	20x250w for 5 kw and 20x300w for 6 kw
16 Series/parallel combination	10 into series x 2 parallel/ 10 series x 2 in parallel
17 Any other special feature	>17% Cell efficiency, Indian Cell

ii) Battery

Particulars	Specification offered
1 Name of the manufacturer	HBL/EXIDE/NED/RACILY or equivalent
2 Type	VRLA TUBULAR Lead Acid
3 Brand name	HBL/EXIDE/NED/RACILY or equivalent
4 Cell voltage	2 V
5 Cell Amp Hr	400/500 AH
6 Dimensions of Cell (size)	717x214x124/144 mm
7 Battery Bank Voltage	96v
8 Battery Bank Amp Hr	400/500AH
9 Charge Efficiency	Ah efficiency >94%
10 Self Discharge	Less than 3% under STC
11 Operating Temperature Range	-20°-50° C
12 Terminal Material and Conductivity	Lead coated Copper, 99.8%
13 Any other special feature	Long life, confirms to IEC61427, IEC60896-21/22



iii) Inverter/PCU

CAPACITY OF PCU	5 kw/6Kw	
CHARGE CONTROLLER	MPPT	
Capacity & Technology	5 kw/ 6 kw MPPT BASED	
Controller element	MOSFET	
CONVERTER		
Input Voltage	230V-I PHASE ($\pm 3\%$)	
Input frequency range	50 Hz (-20% +15%)	
INVERTER		
Inverter Technology	PWM with MOSFET	
Output Wave	Pure Sine wave	
DC Voltage	96V	
AC Output		
Output Voltage	230V –I PHASE 2 WIRE	
Regulation	$\pm 2\%$	
Dynamic Regulation	Complies with IEC/EN 62040-3 , Class 1	
Transient Response		
Overall Efficiency	89%	
Overload Capacity	110% FOR 10 MINUTES	125 % FOR 1 MINUTE
Total Harmonic Distortion	<3%	
Output frequency	50 Hz ± 0.1 hz	
Static Bypass	Auto	
By passs witch	provided	
Protection and Controls	Short circuit, overload, under voltage and over voltage protection of battery; output under and over voltage; reverse polarity protection for PV array. Soft start features for rectifier and inverter	
Duty cycle	continuous	
LCD Indications	Mains On Alarm On	
Display	Array - Voltage, Current, Heat Sink temp. Power (KW) Battery - Voltage, current, Grid - Voltage, Current, Frequency, Power (kVA/KW) Output - Voltage, Current, Frequency, Inverter Voltage Current, Heat Sink temp. Power (kVA/KW) CO ₂ Saved	
Audible Alarms	yes	
Galvanic Isolation	Inbuilt isolation transformer at Inverter output	
Acoustic Noise Level	<65 dB	
Operating Temperature	0-50°	
Relative Humidity	upto 95% non-condensing	



**ANNEXURE-III
(Bill of Materials)**

BOM SHEET-1

SL.NO	DESCRIPTION	Qnty.
1	Design , manufacture , supply, installation and commissioning of 5 KWp roof top Solar PV system as per scope & specification of tender at Guest House located at Kopili HEP , Umrongso , Assam including Comprehensive Maintenance Contract for 5(five) years	01 set

SL. NO	DESCRIPTION OF ITEMS	UOM	Specification	Make	Qnty.
1	250 W SOLAR MODULES	NOS	250V 24V POLY CRYSTALLINE	Websol/Sova Or Equivalent	20
2	96V 5KVA PCU	SET	5 KVA 96V SINGLE PHASE 2 WIRE	Consul/Suncraft/Statcon Or Equivalent	1
3	2V 400 AH BATTERY	NOS	2V400 AH VRLA TUBULAR CELL	Exide/Hbl/Ned Or Equivalent	48
4	SOLAR MOUNTING STRUCTURE	SET	G.I. MODULE MOUNTING STRUCTURE	Nezone Or Equivalent	1
5	4 SQ MM 1 C CU FRLS CABLE	MTR	1100 V CABLE FOR ARRAY CONNECTION	Polycab/Finolex/Havells Or Equivalent	180
6	10 SQ MM 1C CU CABLE	MTR	1100V FRLS CABLE FOR ACDB CONNECTION	Polycab/Finolex/Havells Or Equivalent	90
7	AJB CUM DCDB	SET	AJB 4IN1 OUT IN IP65 BOX WITH SPD	STANDARD	1
8	ACDB	SET	ACDB WITH MCCB	STANDARD	1
9	EARTHING	SET	CHEMICAL EARTHING	STANDARD	2
10	LIGHTENING ARRESTOR	SET	COPPER SPIKE TYPE	STANDARD	1
11	NUT BOLTS FASTENERS LUGS CONNECTORS AND OTHER MATERIALS AS REQD.	SET	SS/CADMIUM COATED, PVC PIPES, MC4 CONNECTORS ETC.	STANDARD	LS
12	CIVIL MATERIAL	LS	AS REQUIRED FOR GROUTING	STANDARD	LS



BOM SHEET-2

SL.NO	DESCRIPTION	Qty.
1	Design , manufacture , supply, installation and commissioning of 6 KWp roof top Solar PV system as per scope & specification of tender at GUEST HOUSE-I at Assam gas Based Power Plant, Bokuloni, Dibrugarh, Assam including Comprehensive Maintenance Contract for 5(five) years	01 set

SL. NO	DESCRIPTION OF ITEMS	UOM	Specification	Make	Qty.
1	300 W SOLAR MODULES	NOS	300V 24V POLY CRYSTALLINE	Websol/Sova Or Equivalent	20
2	96V 5KVA PCU	SET	6 KVA 96V SINGLE PHASE 2 WIRE	Consul/Suncraft/Statcon Or Equivalent	1
3	2V 500 AH BATTERY	NOS	2V500 AH VRLA TUBULAR CELL	Exide/Hbl/Ned Or Equivalent	48
4	SOLAR MOUNTING STRUCTURE	SET	G.I. MODULE MOUNTING STRUCTURE	Nezone Or Equivalent	1
5	4 SQ MM 1 C CU FRLS CABLE	MTR	1100 V CABLE FOR ARRAY CONNECTION	Polycab/Finolex/Havells Or Equivalent	180
6	10 SQ MM 1C CU CABLE	MTR	1100V FRLS CABLE FOR ACDB CONNECTION	Polycab/Finolex/Havells Or Equivalent	90
7	AJB CUM DCDB	SET	AJB 4IN1 OUT IN IP65 BOX WITH SPD	STANDARD	1
8	ACDB	SET	ACDB WITH MCCB	STANDARD	1
9	EARTHING	SET	CHEMICAL EARTHING	STANDARD	2
10	LIGHTENING ARRESTOR	SET	COPPER SPIKE TYPE	STANDARD	1
11	NUT BOLTS FASTENERS LUGS CONNECTORS AND OTHER MATERIALS AS REQD.	SET	SS/CADMIUM COATED, PVC PIPES, MC4 CONNECTORS ETC.	STANDARD	LS
12	CIVIL MATERIAL	LS	AS REQUIRED FOR GROUTING	STANDARD	LS



BOM SHEET-3

SL.NO	DESCRIPTION	Qty.
1	Design , manufacture , supply, installation and commissioning of 6 KWp roof top Solar PV system as per scope & specification of tender at GUEST HOUSE-II at Assam gas Based Power Plant, Bokuloni, Dibrugarh, Assam including Comprehensive Maintenance Contract for 5(five) years	01 set

SL. NO	DESCRIPTION OF ITEMS	UOM	Specification	Make	Qty.
1	300 W SOLAR MODULES	NOS	300V 24V POLY CRYSTALLINE	Websol/Sova Or Equivalent	20
2	96V 5KVA PCU	SET	6 KVA 96V SINGLE PHASE 2 WIRE	Consul/Suncraft/Statcon Or Equivalent	1
3	2V 500 AH BATTERY	NOS	2V500 AH VRLA TUBULAR CELL	Exide/Hbl/Ned Or Equivalent	48
4	SOLAR MOUNTING STRUCTURE	SET	G.I. MODULE MOUNTING STRUCTURE	Nezone Or Equivalent	1
5	4 SQ MM 1 C CU FRLS CABLE	MTR	1100 V CABLE FOR ARRAY CONNECTION	Polycab/Finolex/Havells Or Equivalent	180
6	10 SQ MM 1C CU CABLE	MTR	1100V FRLS CABLE FOR ACDB CONNECTION	Polycab/Finolex/Havells Or Equivalent	90
7	AJB CUM DCDB	SET	AJB 4IN1 OUT IN IP65 BOX WITH SPD	STANDARD	1
8	ACDB	SET	ACDB WITH MCCB	STANDARD	1
9	EARTHING	SET	CHEMICAL EARTHING	STANDARD	2
10	LIGHTENING ARRESTOR	SET	COPPER SPIKE TYPE	STANDARD	1
11	NUT BOLTS FASTENERS LUGS CONNECTORS AND OTHER MATERIALS AS REQD.	SET	SS/CADMIUM COATED, PVC PIPES, MC4 CONNECTORS ETC.	STANDARD	LS
12	CIVIL MATERIAL	LS	AS REQUIRED FOR GROUTING	STANDARD	LS



BOM SHEET-4

1	Design , manufacture , supply, installation and commissioning of 5 KWp roof top Solar PV system as per scope & specification of tender at Guest House located at Kimi , Kameng HEP, Arunachal Pradesh including Comprehensive Maintenance Contract for 5(five) years	01 set
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SL. NO	DESCRIPTION OF ITEMS	UOM	Specification	Make	Qty.
1	250 W SOLAR MODULES	NOS	250V 24V POLY CRYSTALLINE	Websol/Sova Or Equivalent	20
2	96V 5KVA PCU	SET	5 KVA 96V SINGLE PHASE 2 WIRE	Consul/Suncraft/Statcon Or Equivalent	1
3	2V 400 AH BATTERY	NOS	2V400 AH VRLA TUBULAR CELL	Exide/Hbl/Ned Or Equivalent	48
4	SOLAR MOUNTING STRUCTURE	SET	G.I. MODULE MOUNTING STRUCTURE	Nezone Or Equivalent	1
5	4 SQ MM 1 C CU FRLS CABLE	MTR.	1100 V CABLE FOR ARRAY CONNECTION	Polycab/Finolex/Havells Or Equivalent	180
6	10 SQ MM 1C CU CABLE	MTR.	1100V FRLS CABLE FOR ACDB CONNECTION	Polycab/Finolex/Havells Or Equivalent	90
7	AJB CUM DCDB	SET	AJB 4IN1 OUT IN IP65 BOX WITH SPD	STANDARD	1
8	ACDB	SET	ACDB WITH MCCB	STANDARD	1
9	EARTHING	SET	CHEMICAL EARTHING	STANDARD	2
10	LIGHTENING ARRESTOR	SET	COPPER SPIKE TYPE	STANDARD	1
11	NUT BOLTS FASTENERS LUGS CONNECTORS AND OTHER MATERIALS AS REQD.	SET	SS/CADMIUM COATED, PVC PIPES, MC4 CONNECTORS ETC.	STANDARD	LS
12	CIVIL MATERIAL	LS	AS REQUIRED FOR GROUTING	STANDARD	LS



BOM SHEET-5

SL.NO	DESCRIPTION	Qty.
1	Design , manufacture , supply, installation and commissioning of 5 KWp roof top Solar PV system as per scope & specification of tender at Guest House located at Bichom , Kameng HEP, Arunachal Pradesh including Comprehensive Maintenance Contract for 5(five) years	01 set

SL. NO	DESCRIPTION OF ITEMS	UOM	Specification	Make	Qty.
1	250 W SOLAR MODULES	NOS	250V 24V POLY CRYSTALLINE	Websol/Sova Or Equivalent	20
2	96V 5KVA PCU	SET	5 KVA 96V SINGLE PHASE 2 WIRE	Consul/Suncraft/Statcon Or Equivalent	1
3	2V 400 AH BATTERY	NOS	2V400 AH VRLA TUBULAR CELL	Exide/Hbl/Ned Or Equivalent	48
4	SOLAR MOUNTING STRUCTURE	SET	G.I. MODULE MOUNTING STRUCTURE	Nezone Or Equivalent	1
5	4 SQ MM 1 C CU FRLS CABLE	MTR.	1100 V CABLE FOR ARRAY CONNECTION	Polycab/Finolex/Havells Or Equivalent	180
6	10 SQ MM 1C CU CABLE	MTR.	1100V FRLS CABLE FOR ACDB CONNECTION	Polycab/Finolex/Havells Or Equivalent	90
7	AJB CUM DCDB	SET	AJB 4IN1 OUT IN IP65 BOX WITH SPD	STANDARD	1
8	ACDB	SET	ACDB WITH MCCB	STANDARD	1
9	EARTHING	SET	CHEMICAL EARTHING	STANDARD	2
10	LIGHTENING ARRESTOR	SET	COPPER SPIKE TYPE	STANDARD	1
11	NUT BOLTS FASTENERS LUGS CONNECTORS AND OTHER MATERIALS AS REQD.	SET	SS/CADMIUM COATED, PVC PIPES, MC4 CONNECTORS ETC.	STANDARD	LS
12	CIVIL MATERIAL	LS	AS REQUIRED FOR GROUTING	STANDARD	LS



Price Schedule-I : SUMMARY

SL. NO	PARTICULARS	Capacity of PV System	UNIT	QNTY	Price inclusive of all applicable Taxes & Duties(Rs)	Price inclusive of all applicable Taxes & Duties(Rs) in words
A	B	C	D	E	F	H
1	Design , manufacture , supply, installation and commissioning of 5 KWp roof top Solar PV system as per scope & specification at GUEST HOUSE located at Kopili HEP , Umrongso , Assam including Comprehensive Maintenance Contract for 5(five) years	5 KWp	Set	1	753,000.00	Seven lakhs fifty three thousand only
2	Design , manufacture , supply, installation and commissioning of 6 KWp roof top Solar PV system as per scope & specification at GUEST HOUSE-I located at Assam Gas Based Power Plant, Bokuloni, Dibrugarh, Assam including Comprehensive Maintenance Contract for 5(five) years	6KWp	Set	1	896,199.64	Eight Lakh Ninety Six Thousand One hundred Ninety Nine and paise sixty four
3	Design , manufacture , supply, installation and commissioning of 6 KWp roof top Solar PV system as per scope & specification at GUEST HOUSE-II located at Assam gas Based Power Plant, Bokuloni, Dibrugarh, Assam including Comprehensive Maintenance Contract for 5(five) years	6 KWp	Set	1	896,199.64	Eight Lakh Ninety Six Thousand One hundred Ninety Nine and paise sixty four
4	Design , manufacture , supply, installation and commissioning of 5 KWp roof top Solar PV system as per scope & specification at GUEST HOUSE located at Kimi , Kameng HEP, Arunachal Pradesh including Comprehensive Maintenance Contract for 5(five) years	5 KWp	Set	1	810,200.00	Eight lakh ten thousand two hundred
5	Design , manufacture , supply, installation and commissioning of 5 KWp roof top Solar PV system as per scope & specification at Guest House located at Bichom , Kameng HEP, Arunachal Pradesh including Comprehensive Maintenance Contract for 5(five) years	5KWp	Set	1	810,200.00	Eight lakh ten thousand two hundred
TOTAL					4,165,799.28	Forty One lakh Sixty Five Thousand Seven Hundred Ninety Nine and paise twenty eight

NOTE: The break up prices shall be as per Price Schedule -A, B-1, B-2, C-1 & C-2



PRICE SCHEDULE -A (Break up prices for 5KWp PV System at Kopili HEP)

Design , manufacture , supply, installation and commissioning of 5 KWp roof top Solar PV system as per scope & specification of tender at Guest House located at Kopili HEP(KHEP) , Umrongso , Assam including Comprehensive Maintenance Contract for 5(five) years

A. ITEM: Supply of PV Modules for 5 KWp PV plant at Kopili HEP

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
A1	Basic Price for supply of one Lot of PV Modules for 5KWp Plant(Rs)	One Set	680000.00	Six Lakh eighty thousand
A2	Excise Duty with cess if any in %	.....	0.00	zero
A3	Amount on which ED with cess applicable(Rs)	.....	0.00	zero
A4	Amount of ED with Cess (Rs)	.....	0.00	zero
A5	CST/VAT as applicable in %	.....	6.00	six percent
A6	Amount on which CST/VAT applicable(Rs)	.....	680000.00	Six Lakh Eighty thousand
A7	Amount of CST/VAT (Rs)	.....	40800.00	Forty Thousand Eight Hundred
A8	Entry Tax in %	.....	0.00	zero
A9	Amount on which Entry tax applicable (Rs)	.....	0.00	zero
A10	Amount of Entry Tax (Rs)	.....	0.00	zero
A11	Any other taxes & duties /levies in %	.....	0.00	zero
A12	Amount on which any other taxes & duties /levies applicable (Rs)	.....	0.00	zero
A13	Amount of any other taxes & duties/levies(Rs)	.....	0.00	zero
A14	Total of Taxes & Duties for supply of PV modules (Rs) (Sl. No. A4+A7+A10+A13)	.....	40800.00	Forty Thousand Eight Hundred

B. ITEM: Supply of Balance of System for 5 KWp PV plant at Kopili HEP

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
B1	Basic Price for supply of one Lot of BOS for 5 KWp PV Plant(Rs)	One Set	20000.00	Twenty thousand only
B2	ED with cess if any in %	.....	0.00	zero
B3	Amount on which ED with cess applicable(Rs)	.....	0.00	zero
B4	Amount of ED with Cess (Rs)	.....	0.00	zero
B5	CST/VAT as applicable in %	.....	6.00	six percent
B6	Amount on which CST/VAT applicable(Rs)	.....	20000.00	Twenty thousand only
B7	Amount of CST/VAT (Rs)	.....	1200.00	One thousand two hundred only
B8	Entry Tax in %	.....	0.00	zero
B9	Amount on which Entry tax applicable (Rs)	.....	0.00	zero
B10	Amount of Entry Tax (Rs)	.....	0.00	zero
B11	Any other taxes & duties /levies in %	.....	0.00	zero
B12	Amount on which any other taxes & duties /levies applicable (Rs)	.....	0.00	zero
B13	Amount of any other taxes & duties/levies(Rs)	.....	0.00	zero
B14	Total of Taxes & Duties for supply of BOS (Rs) (B4+B7+B10+B13)	.....	1200	One thousand two hundred only

C. ITEM : Freight & Insurance (F&I)

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
C1	Basic Price towards F&I for complete supply of one Lot(Rs)	One Lot	500.00	five Hundred only
C2	Service Tax with cess if any applicable in %	.....	0.00	zero
C3	Amount on which Service Tax with Cess applicable (Rs)	.....	0.00	zero
C4	Amount of Service Tax with cess on F&I(Rs)	.....	0.00	zero

D. ITEM: Loading/Unloading, Installation & Commissioning of 5 KWp PV system at KHEP

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
D1	Basic Price for one Lot(Rs)	One Lot	500.00	five Hundred only
D2	Service Tax with cess if any applicable in %	.....	0.00	zero
D3	Amount on which Service Tax with Cess applicable (Rs)	.....	0.00	zero
D4	Amount of Service Tax with cess on Installation & Commissioning(Rs)	.....	0.00	zero

E. ITEM: Charges for Comprehensive Maintenance Contract for 5(five) years for the entire system at Kopili HEP

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
E1	Basic Price for CMC of 5KWp PV system at KHEP for 5 years(Rs)	LS for 5 years	10000.00	Ten thousand only
E2	Service Tax with cess if any applicable in %	.....	0.00	zero
E3	Amount on which Service Tax with Cess applicable (Rs)	.....	0.00	zero
E4	Amount of Service Tax with cess on CMC charges for 5 years(Rs)	.....	0.00	zero

F	Total Basic Price for Supply & Services (Rs)) (Sl. No A1+B1+C1+D1+E1)	One Set	711000.00	Seven lakh Eleven Thousand only
G	Total amount of all applicable Taxes & Duties for Supply & Services(Rs) (Sl. No. A14+B14+C4+D4+E4)	One Set	42000.00	Forty two thousand only
H	Total Quoted Price inclusive of all applicable Taxes & Duties(Rs) (Sl. No. F+G)	One Set	753000.00	Seven lakhs fifty three thousand only

- NOTE: 1.The quoted prices for supply shall be inclusive of Packing & Forwarding Charges
2 The quoted prices shall remain Firm during the entire period of contract and no escalation shall be allowed.
3 Taxes, duties and levies indicated in the price schedules shall be reimbursed against production of documentary evidence.
3 Concessional Sales Tax will be applicable for supply of all items, for which the Corporation will issue 'C' form.
4 Tax exemptions including certificate of any sort , if available may be dealt with the concerned department of Govt of India by the bidder.
The Pruchaser in no case will be responsible for providing any tax exemption to contractor.



PRICE SCHEDULE -B-1 (Break up prices for 6 KWp PV System at GUEST HOUSE-I, AGBPP)

Design , manufacture , supply, installation and commissioning of 6 KWp roof top Solar PV system as per scope & specification of tender at GUEST HOUSE-I, AGBPP, Bokuloni , Assam including Comprehensive Maintenance Contract for 5(five) years

A. ITEM: Supply of PV Modules for 6 KWp PV Plant at GUEST HOUSE-I, Bokuloni, AGBPP

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
A1	Basic Price for supply of one set of PV Modules for 6KWp Plant(Rs)	One Set	810094.00	Eight Lakh ten thousand Ninety Four
A2	Excise Duty with cess if any in %	.....	0.00	zero
A3	Amount on which ED with cess applicable(Rs)	.....	0.00	zero
A4	Amount of ED with Cess (Rs)	.....	0.00	zero
A5	CST/VAT as applicable in %	.....	6.00	six percent
A6	Amount on which CST/VAT applicable(Rs)	.....	810094.00	Eight Lakh ten thousand Ninety Four
A7	Amount of CST/VAT (Rs)	.....	48605.64	Forty eight thousand six hundred five and paise sixty four
A8	Entry Tax in %	.....	0.00	zero
A9	Amount on which Entry tax applicable (Rs)	.....	0.00	zero
A10	Amount of Entry Tax (Rs)	.....	0.00	zero
A11	Any other taxes & duties /levies in %	.....	0.00	zero
A12	Amount on which any other taxes & duties /levies applicable (Rs)	.....	0.00	zero
A13	Amount of any other taxes & duties/levies(Rs)	.....	0.00	zero
A14	Total of Taxes & Duties for supply of PV modules (Rs) (Sl. No. A4+A7+A10+A13+.....)	.....	48605.64	Forty eight thousand six hundred five and paise sixty four

B. ITEM: Supply of Balance of System for 6 KWp PV Plant at GUEST HOUSE-I, Bokuloni, AGBPP

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
B1	Basic Price for supply of one set of BOS for 6 KWp PV Plant(Rs)	One Set	25000.00	Twenty five thousand
B2	ED with cess if any in %	.....	0.00	zero
B3	Amount on which ED with cess applicable(Rs)	.....	0.00	zero
B4	Amount of ED with Cess (Rs)	.....	0.00	zero
B5	CST/VAT as applicable in %	.....	6.00	six
B6	Amount on which CST/VAT applicable(Rs)	.....	25000.00	Twenty five thousand
B7	Amount of CST/VAT (Rs)	.....	1500.00	one thousand five hundred
B8	Entry Tax in %	.....	0.00	zero
B9	Amount on which Entry tax applicable (Rs)	.....	0.00	zero
B10	Amount of Entry Tax (Rs)	.....	0.00	zero
B11	Any other taxes & duties /levies in %	.....	0.00	zero
B12	Amount on which any other taxes & duties /levies applicable (Rs)	.....	0.00	zero
B13	Amount of any other taxes & duties/levies(Rs)	.....	0.00	zero
B14	Total of Taxes & Duties for supply of BOS (Rs) (B4+B7+B10+B13+.....)	.....	1500.00	one thousand five hundred

C. ITEM : Freight & Insurance (F&I)

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
C1	Basic Price towards F&I for 6 KWp PV system(Rs)	One Lot	500.00	five Hundred only
C2	Service Tax with cess if any applicable in %	.....	0.00	zero
C3	Amount on which Service Tax with Cess applicable (Rs)	.....	0.00	zero
C4	Amount of Service Tax with cess on F&I (Rs)	.....	0.00	zero

D. ITEM: Loading/Unloading, Installation & Commissioning of 6 KWp PV system at GUEST HOUSE-I, Bokuloni, AGBPP

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
D1	Basic Price for 6 KWp PV System(Rs)	One Lot	500.00	five Hundred only
D2	Service Tax with cess if any applicable in %	.....	0.00	zero
D3	Amount on which Service Tax with Cess applicable (Rs)	.....	0.00	zero
D4	Amount of Service Tax with cess on Installation & Commissioning(Rs)	.....	0.00	zero

E. ITEM: Charges for Comprehensive Maintenance Contract for 6 KWp PV System for 5(five) years at GUEST HOUSE-I, AGBPP

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
E1	Basic Price for CMC of 6KWp PV system for 5 years(Rs)	LS for 5 years	10000.00	Ten thousand
E2	Service Tax with cess if any applicable in %	.....	0.00	zero
E3	Amount on which Service Tax with Cess applicable (Rs)	.....	0.00	zero
E4	Amount of Service Tax with cess on CMC charges for 5 years(Rs)	.....	0.00	zero

F	Total Basic Price for Supply & Services (Rs)) Sl. No A1+B1+C1+D1+E1)	(One Set	846094.00	Eight lakh forty Six thousand Ninety four
G	Total amount of all applicable Taxes & Duties for Supply & Services(Rs) Sl. No. A14+B14+C4+D4+E4)	(One Set	50105.64	Fifty thousand one hundred five and paise sixty four
H	Total Quoted Price inclusive of all applicable Taxes & Duties(Rs) No. F+G)	(Sl. One Set	896199.64	Eight Lakh ninety six Thousand one hundred ninety nine and paise sixty four

NOTE: 1.The quoted prices for supply shall be inclusive of Packing & Forwarding Charges

2 The quoted prices shall remain Firm during the entire period of contract and no escalation shall be allowed.

3 Taxes, duties and levies indicated in the price schedules shall be reimbursed against production of documentary evidence.

3 Concessional Sales Tax will be applicable for supply of all items, for which the Corporation will issue 'C' form.

4 Tax exemptions including certificate of any sort , if available may be dealt with the concerned department of Govt of India by the bidder.

The Pruchaser in no case will be responsible for providing any tax exemption to contractor.



PRICE SCHEDULE -B-2 (Break up prices for 6 KWp PV System at GUEST HOUSE-II , AGBPP)

Design , manufacture , supply, installation and commissioning of 6 KWp roof top Solar PV system as per scope & specification of tender at GUEST HOUSE-II, AGBPP, Bokuloni , Assam including Comprehensive Maintenance Contract for 5(five) years

A. ITEM: Supply of PV Modules for 6 KWp PV Plant at GUEST HOUSE-II, Bokuloni, AGBPP

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
A1	Basic Price for supply of one set of PV Modules for 6KWp Plant(Rs)	One Set	810094.00	Eight lakh ten Thousand ninety four
A2	Excise Duty with cess if any in %	.....	0.00	zero
A3	Amount on which ED with cess applicable(Rs)	.....	0.00	zero
A4	Amount of ED with Cess (Rs)	.....	0.00	zero
A5	CST/VAT as applicable in %	.....	6.00	six
A6	Amount on which CST/VAT applicable(Rs)	.....	810094.00	Eight lakh ten Thousand ninety four
A7	Amount of CST/VAT (Rs)	.....	48605.64	Forty eight thousand six hundred Five and paise sixty four
A8	Entry Tax in %	.....	0.00	zero
A9	Amount on which Entry tax applicable (Rs)	.....	0.00	zero
A10	Amount of Entry Tax (Rs)	.....	0.00	zero
A11	Any other taxes & duties /levies in %	.....	0.00	zero
A12	Amount on which any other taxes & duties /levies applicable (Rs)	.....	0.00	zero
A13	Amount of any other taxes & duties/levies(Rs)	.....	0.00	zero
A14	Total of Taxes & Duties for supply of PV modules (Rs) (Sl. No. A4+A7+A10+A13+.....)	.....	48605.64	Forty eight thousand six hundred five and paise sixty four

B. ITEM: Supply of Balance of System for 6 KWp PV Plant at GUEST HOUSE-II, Bokuloni, AGBPP

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
B1	Basic Price for supply of one set of BOS for 6 KWp PV Plant(Rs)	One Set	25000.00	Twenty five thousand
B2	ED with cess if any in %	.....	0.00	zero
B3	Amount on which ED with cess applicable(Rs)	.....	0.00	zero
B4	Amount of ED with Cess (Rs)	.....	0.00	zero
B5	CST/VAT as applicable in %	.....	6.00	six
B6	Amount on which CST/VAT applicable(Rs)	.....	25000.00	Twenty five thousand
B7	Amount of CST/VAT (Rs)	.....	1500.00	one thousand five hundred
B8	Entry Tax in %	.....	0.00	zero
B9	Amount on which Entry tax applicable (Rs)	.....	0.00	zero
B10	Amount of Entry Tax (Rs)	.....	0.00	zero
B11	Any other taxes & duties /levies in %	.....	0.00	zero
B12	Amount on which any other taxes & duties /levies applicable (Rs)	.....	0.00	zero
B13	Amount of any other taxes & duties/levies(Rs)	.....	0.00	zero
B14	Total of Taxes & Duties for supply of BOS (Rs) (B4+B7+B10+B13+.....)	.....	1500.00	one thousand five hundred

C. ITEM : Freight & Insurance (F&I)

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
C1	Basic Price towards F&I for 6 KWp PV system(Rs)	One Lot	500.00	five Hundred only
C2	Service Tax with cess if any applicable in %	.....	0.00	zero
C3	Amount on which Service Tax with Cess applicable (Rs)	.....	0.00	zero
C4	Amount of Service Tax with cess on F&I (Rs)	.....	0.00	zero

D. ITEM: Loading/Unloading, Installation & Commissioning of 6 KWp PV system at GUEST HOUSE-II, Bokuloni, AGBPP

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
D1	Basic Price for 6 KWp PV System(Rs)	One Lot	500.00	five Hundred only
D2	Service Tax with cess if any applicable in %	.....	0.00	zero
D3	Amount on which Service Tax with Cess applicable (Rs)	.....	0.00	zero
D4	Amount of Service Tax with cess on Installation & Commissioning(Rs)	.....	0.00	zero

E. ITEM: Charges for Comprehensive Maintenance Contract for 6 KWp PV System for 5(five) years at GUEST HOUSE-II, Bokuloni, AGBPP

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
E1	Basic Price for CMC of 6KWp PV system for 5 years(Rs)	LS for 5 years	10000.00	Ten thousand
E2	Service Tax with cess if any applicable in %	.....	0.00	zero
E3	Amount on which Service Tax with Cess applicable (Rs)	.....	0.00	zero
E4	Amount of Service Tax with cess on CMC charges for 5 years(Rs)	.....	0.00	zero

F	Total Basic Price for Supply & Services (Rs) (Sl. No A1+B1+C1+D1+E1)	(One Set	846094.00	Eight lakh forty Six thousand ninety four
G	Total amount of all applicable Taxes & Duties for Supply & Services(Rs) (Sl. No. A14+B14+C4+D4+E4)	(One Set	50105.64	Fifty thousand one hundred five and paise sixty four
H	Total Quoted Price inclusive of all applicable Taxes & Duties(Rs) (No. F+G)	[Sl. One Set	896199.64	Eight Lakh Ninety Six Thousand one hundred ninety nine and paise sixty four

- NOTE: 1.The quoted prices for supply shall be inclusive of Packing & Forwarding Charges
2 The quoted prices shall remain Firm during the entire period of contract and no escalation shall be allowed.
3 Taxes, duties and levies indicated in the price schedules shall be reimbursed against production of documentary evidence.
3 Concessional Sales Tax will be applicable for supply of all items, for which the Corporation will issue 'C' form.
4 Tax exemptions including certificate of any sort , if available may be dealt with the concerned department of Govt of India by the bidder.
The Pruchaser in no case will be responsible for providing any tax exemption to contrator.



PRICE SCHEDULE -C-1 (Break up prices for 5 KWp PV System at Kimi GUEST HOUSE, KaHEP)

Design , manufacture , supply, installation and commissioning of 5 KWp roof top Solar PV system as per scope & specification of tender at GUEST HOUSE, Kimi, KaHEP, Arunachal Pradesh including Comprehensive Maintenance Contract for 5(five) years

A. ITEM: Supply of PV Modules for 5 KWp PV Plant at GUEST HOUSE, Kimi, KaHEP, AP

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
A1	Basic Price for supply of one set of PV Modules for 5KWp Plant(Rs)	One Set	700000.00	Seven lakh only
A2	Excise Duty with cess if any in %	.....	0.00	zero
A3	Amount on which ED with cess applicable(Rs)	.....	0.00	zero
A4	Amount of ED with Cess (Rs)	.....	0.00	zero
A5	CST/VAT as applicable in %	.....	6.00	six percent
A6	Amount on which CST/VAT applicable(Rs)	.....	700000.00	Seven lakh only
A7	Amount of CST/VAT (Rs)	.....	42000.00	forty two thousand
A8	Entry Tax in %	.....	5.00	five percent
A9	Amount on which Entry tax applicable (Rs)	.....	700000.00	Seven lakh only
A10	Amount of Entry Tax (Rs)	.....	35000.00	thirty five thousand
A11	Any other taxes & duties /levies in %	.....	0.00	zero
A12	Amount on which any other taxes & duties /levies applicable (Rs)	.....	0.00	zero
A13	Amount of any other taxes & duties/levies(Rs)	.....	0.00	zero
A14	Total of Taxes & Duties for supply of PV modules (Sl. No. A4+A7+A10+A13+.....)	.....	77000.00	seventy seven thousand

B. ITEM: Supply of Balance of System for 5 KWp PV Plant at Kimi GUEST HOUSE, KaHEP, AP

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
B1	Basic Price for supply of one set of BOS for 5KWp PV Plant(Rs)	One Set	20000.00	Twenty thousand
B2	ED with cess if any in %	.....	0.00	zero
B3	Amount on which ED with cess applicable(Rs)	.....	0.00	zero
B4	Amount of ED with Cess (Rs)	.....	0.00	zero
B5	CST/VAT as applicable in %	.....	6.00	six percent
B6	Amount on which CST/VAT applicable(Rs)	.....	20000.00	Twenty thousand
B7	Amount of CST/VAT (Rs)	.....	1200.00	one thousand two hundred
B8	Entry Tax in %	.....	5.00	five percent
B9	Amount on which Entry tax applicable (Rs)	.....	20000.00	Twenty thousand
B10	Amount of Entry Tax (Rs)	.....	1000.00	One thousand
B11	Any other taxes & duties /levies in %	.....	0.00	zero
B12	Amount on which any other taxes & duties /levies applicable (Rs)	.....	0.00	zero
B13	Amount of any other taxes & duties/levies(Rs)	.....	0.00	zero
B14	Total of Taxes & Duties for supply of BOS (Rs) (B4+B7+B10+B13+.....)	.....	2200.00	Two thousand two hundred

C. ITEM : Freight & Insurance (F&I)

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
C1	Basic Price towards F&I for 5 KWp PV system(Rs)	One Lot	500.00	Five Hundred only
C2	Service Tax with cess if any applicable in %	.....	0.00	zero
C3	Amount on which Service Tax with Cess applicable (Rs)	.....	0.00	zero
C4	Amount of Service Tax with cess on F&I (Rs)	.....	0.00	zero

D. ITEM: Loading/Unloading, Installation & Commissioning of 5 KWp PV system at GUEST HOUSE, Kimi, KaHEP, AP

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
D1	Basic Price for 5KWp PV System(Rs)	One Lot	500.00	Five Hundred only
D2	Service Tax with cess if any applicable in %	.....	0.00	zero
D3	Amount on which Service Tax with Cess applicable (Rs)	.....	0.00	zero
D4	Amount of Service Tax with cess on Installation & Commissioning(Rs)	.....	0.00	zero

E. ITEM: Charges for Comprehensive Maintenance Contract for 5 KWp PV System for 5(five) years at GUEST HOUSE, Kimi, KaHEP, AP

Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
E1	Basic Price for CMC of 5KWp PV system for 5 years(Rs)	LS for 5 years	10000.00	Ten thousand
E2	Service Tax with cess if any applicable in %	.....	0.00	zero
E3	Amount on which Service Tax with Cess applicable (Rs)	.....	0.00	zero
E4	Amount of Service Tax with cess on CMC charges for 5 years(Rs)	.....	0.00	zero

F	Total Basic Price for Supply & Services (Rs)) Sl. No A1+B1+C1+D1+E1)	(One Set	731000.00	seven lakh thirty one thousand
G	Total amount of all applicable Taxes & Duties for Supply & Services(Rs) Sl. No. A14+B14+C4+D4+E4)	(One Set	79200.00	seventy nine thousand two hundred
H	Total Quoted Price inclusive of all applicable Taxes & Duties(Rs) No. F+G)	[Sl. One Set	810200.00	Eight lakh ten thousand two hundred

NOTE: 1. The quoted prices for supply shall be inclusive of Packing & Forwarding Charges

2. The quoted prices shall remain Firm during the entire period of contract and no escalation shall be allowed.

3. Taxes, duties and levies indicated in the price schedules shall be reimbursed against production of documentary evidence.

3. Concessional Sales Tax will be applicable for supply of all items, for which the Corporation will issue 'C' form.

4. Tax exemptions including certificate of any sort , if available may be dealt with the concerned department of Govt of India by the bidder.

The Purchaser in no case will be responsible for providing any tax exemption to contractor.



PRICE SCHEDULE -C-2 (Break up prices for 5 KWp PV System at Bichom GUEST HOUSE, KaHEP)

Design , manufacture , supply, installation and commissioning of 5 KWp roof top Solar PV system as per scope & specification of tender at GUEST HOUSE, Bichom, KaHEP, Arunachal Pradesh including Comprehensive Maintenance Contract for 5(five) years

A. ITEM: Supply of PV Modules for 5 KWp PV Plant at GUEST HOUSE, Bichom, KaHEP, AP				
Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
A1	Basic Price for supply of one set of PV Modules for 5KWp Plant(Rs)	One Set	700000.00	Seven lakh only
A2	Excise Duty with cess if any in %	.....	0.00	zero
A3	Amount on which ED with cess applicable(Rs)	.....	0.00	zero
A4	Amount of ED with Cess (Rs)	.....	0.00	zero
A5	CST/VAT as applicable in %	.....	6.00	six percent
A6	Amount on which CST/VAT applicable(Rs)	.....	700000.00	Seven lakh only
A7	Amount of CST/VAT (Rs)	.....	42000.00	forty two thousand
A8	Entry Tax in %	.....	5.00	five percent
A9	Amount on which Entry tax applicable (Rs)	.....	700000.00	Seven lakh only
A10	Amount of Entry Tax (Rs)	.....	35000.00	thirty five thousand
A11	Any other taxes & duties /levies in %	.....	0.00	zero
A12	Amount on which any other taxes & duties /levies applicable (Rs)	.....	0.00	zero
A13	Amount of any other taxes & duties/levies(Rs)	.....	0.00	zero
A14	Total of Taxes & Duties for supply of PV modules (Rs) (Sl. No. A4+A7+A10+A13+.....)	.....	77000.00	seventy seven thousand
B. ITEM: Supply of Balance of System for 5 KWp PV Plant at Bichom GUEST HOUSE, KaHEP, AP				
Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
B1	Basic Price for supply of one set of BOS for 5KWp PV Plant(Rs)	One Set	20000.00	Twenty thousand
B2	ED with cess if any in %	.....	0.00	zero
B3	Amount on which ED with cess applicable(Rs)	.....	0.00	zero
B4	Amount of ED with Cess (Rs)	.....	0.00	zero
B5	CST/VAT as applicable in %	.....	6.00	six percent
B6	Amount on which CST/VAT applicable(Rs)	.....	20000.00	Twenty thousand
B7	Amount of CST/VAT (Rs)	.....	1200.00	one thousand two hundred
B8	Entry Tax in %	.....	5.00	five percent
B9	Amount on which Entry tax applicable (Rs)	.....	20000.00	Twenty five thousand
B10	Amount of Entry Tax (Rs)	.....	1000.00	One thousand
B11	Any other taxes & duties /levies in %	.....	0.00	zero
B12	Amount on which any other taxes & duties /levies applicable (Rs)	.....	0.00	zero
B13	Amount of any other taxes & duties/levies(Rs)	.....	0.00	zero
B14	Total of Taxes & Duties for supply of BOS (Rs) (B4+B7+B10+B13+.....)	.....	2200.00	Two thousand two hundred
C. ITEM : Freight & Insurance (F&I)				
Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
C1	Basic Price towards F&I for 5 KWp PV system(Rs)	One Lot	500.00	five Hundred only
C2	Service Tax with cess if any applicable in %	.....	0.00	zero
C3	Amount on which Service Tax with Cess applicable (Rs)	.....	0.00	zero
C4	Amount of Service Tax with cess on F&I(Rs)	.....	0.00	zero
D. ITEM: Loading/Unloading, Installation & Commissioning of 5 KWp PV system at GUEST HOUSE, Bichom, KaHEP, AP				
Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
D1	Basic Price for 5KWp PV System(Rs)	One Lot	500.00	five Hundred only
D2	Service Tax with cess if any applicable in %	.....	0.00	zero
D3	Amount on which Service Tax with Cess applicable (Rs)	.....	0.00	zero
D4	Amount of Service Tax with cess on Installation & Commissioning(Rs)	.....	0.00	zero
E. ITEM: Charges for Comprehensive Maintenance Contract for 5 KWp PV System for 5(five) years at GUEST HOUSE, Bichom, KaHEP, AP				
Sl. No.	Particulars	Qty	Amount (Rs/ %)	Amount (Rs) in Words
E1	Basic Price for CMC of 5KWp PV system for 5 years(Rs)	LS for 5 years	10000.00	Ten thousand
E2	Service Tax with cess if any applicable in %	.....	0.00	zero
E3	Amount on which Service Tax with Cess applicable (Rs)	.....	0.00	zero
E4	Amount of Service Tax with cess on CMC charges for 5 years(Rs)	.....	0.00	zero
F	Total Basic Price for Supply & Services (Rs) (Sl. No A1+B1+C1+D1+E1)	(One Set	731000.00	seven lakh thirty one thousand
G	Total amount of all applicable Taxes & Duties for Supply & Services(Rs) (Sl. No. A14+B14+C4+D4+E4)	(One Set	79200.00	Seventy nine thousand two hundred
H	Total Quoted Price inclusive of all applicable Taxes & Duties(Rs) (No. F+G)	[Sl. One Set	810200.00	Eight lakh Ten thousand two hundred

- NOTE: 1. The quoted prices for supply shall be inclusive of Packing & Forwarding Charges
2. The quoted prices shall remain Firm during the entire period of contract and no escalation shall be allowed.
3. Taxes, duties and levies indicated in the price schedules shall be reimbursed against production of documentary evidence.
3. Concessional Sales Tax will be applicable for supply of all items, for which the Corporation will issue 'C' form.
4. Tax exemptions including certificate of any sort , if available may be dealt with the concerned department of Govt of India by the bidder.
The Purchaser in no case will be responsible for providing any tax exemption to contractor.



(Signature)
Sr. Manager (E)
Old The Executive Director (C&F)
NEPCO Ltd., Shillong-3