

**Pre-Qualification Criteria (Minimum Eligibility Criteria) to participate in Rate Contract tender of
Computer Furniture for power plant control rooms**

The bidders intending to participate shall meet the following criteria and such of those bidders shall be pre-qualified for this tender.

Sl.No	Criteria	Documentary Evidence	Vendor compliance/ remarks
1.	Upload Manufacturer authorization: The bidder should be Original Equipment Manufacturer OEM or authorized partner of OEM; Wherever Authorized Distributors are submitting the bid, Manufacturers Authorization Form (MAF) to be furnished along with the bid.	Manufacturer Authorization Form (MAF)	
2.	Performance Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have, manufactured, supplied & commissioned same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company and should have successfully Commissioned (during past 5 years)	PO copies along with proof of supply and commissioning / Performance Report / certificate	
3.	In the tender either the bidder on behalf of the Principal / OEM or Principal / OEM itself can bid but both cannot bid simultaneously for the same make/model of the item in the same tender.	NA	
4.	If a bidder submits bid on behalf of the Principal/OEM, the same bidder shall not submit bid on behalf of another Principal /OEM in the same tender for the same item/product.	NA	

B.N.Sharma
AGM (CE - HMI)

ಬಿರೇಂದ್ರ ನಾಥ ಶರ್ಮಾ, ವರಿಯು ಉಪನಿರ್ದೇಶಕರು / ನಿರೀಕ್ಷಿಸಿದ-ಇಂಜಿನಿಯರಿಂಗ್-ಇಂಜಿನಿಯರಿಂಗ್
ಬಿರೇಂದ್ರ ನಾಥ ಶರ್ಮಾ, ವರಿಯು ಉಪನಿರ್ದೇಶಕರು / ನಿರೀಕ್ಷಿಸಿದ-ಇಂಜಿನಿಯರಿಂಗ್-ಇಂಜಿನಿಯರಿಂಗ್
BIRENDER NATH SHARMA, AGM/CE-ENGG.-HMI
BHEL-EDN, MYSORE ROAD, BENGALURU-560026



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Purchase Specification of Computer Table

COMP FURN-01

REV No : 00

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1. SPECIFICATION OF COMPUTER TABLE:

Computer Table of overall minimum dimension: 1500(W)x 750(D) x 735(H) mm and with specifications as below:

S.NO	SPECIFICATION	COMPLIANCE
1.	Table top: 25 mm thick (MDF board) of dimension 1500(W) x 750(D) mm single side post formed edge and other 3 sides PVC edge banding / flat lipping. Top and Bottom to be laminated with Top laminate minimum 0.6mm thick	YES/NO
2.	Modesty Panel and Power beam/wire manager below work surface (Modesty panel of Metal or 25 mm thick laminated MDF board with 2 mm thk PVC edge banding, Power Beam/Wire Manager of Aluminum or MS)	YES/NO
3.	Structure & Legs: AL Extruded / ERW Tubes / MS, WITH CONCEALED WIRE MANAGEMENT / WIRE CARRIERS / CABLE RACEWAYS.	YES/NO
4.	ABS PULL OUT Keyboard Tray with Mouse Pad to be mounted on underside of Table Top	YES/NO
5.	2/3 Drawer Pedestal Unit of minimum dimensions 400(W) x 445(D) x 625(H) mm	YES/NO
6.	Metal CPU Trolley. All Metal parts to be powder coated. 4 way power distribution board should be provided.	YES/NO
7.	ITEM TO BE DISMANTLED & PACKED FOR DESPATCH. DETAILED Bill Of Material & ASSEMBLY DRAWING/INSTRUCTION TO BE ENCLOSED WITH PACKAGING DURING DESPATCH. ALL NUTS, SCREWS, BOLTS, OTHER ACCESSORIES REQUIRED FOR ASSEMBLY TO BE INCLUDED. ASSEMBLY AT SITE IN VENDOR SCOPE	YES/NO
8.	Warranty: AS PER BID TERMS AND CONDITIONS	YES/NO
9.	MAKES: PYROTECH, COSMOS, HARMONY, OTS OR EQUIVALENT	MAKE:

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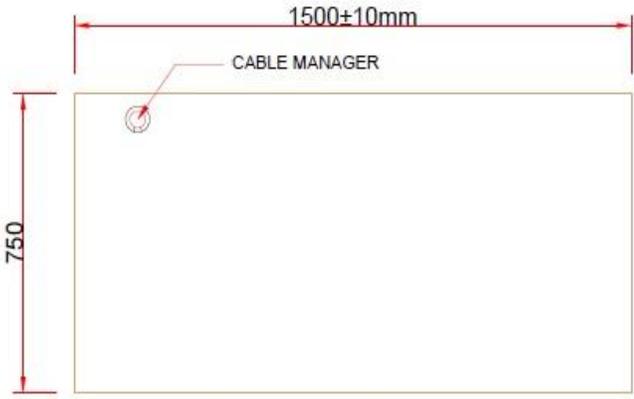
Purchase Specification of Computer Table

COMP FURN-01

REV No : 00

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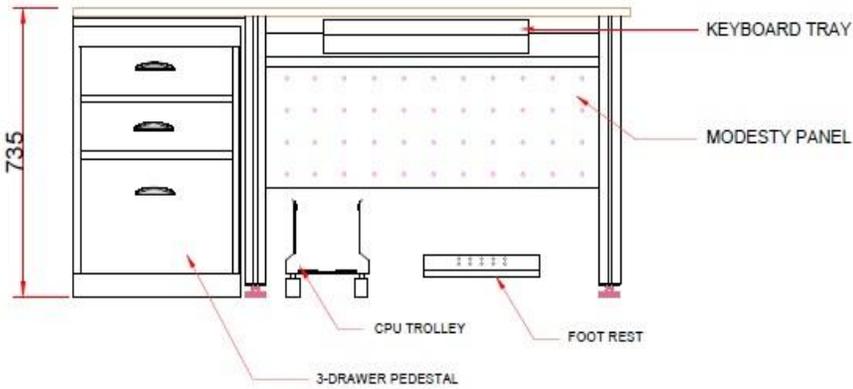
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COMPUTER TABLE

NOTES:

- 1) Table Top is made of 25mm board, laminated both sides, front edge postformed, other edges PVC Edge banded.
- 2) Color of Laminate -AS PER APPROVAL
- 3) Structure made of welded ERW Tubes / extruded aluminum profile.
- 4) Total Aluminium Extrusion - Powder Coated in Aluminium Grey
- 5) Foot rest will be provided



2. Documents to be submitted with offer:

All the technical catalogues drawings to be submitted along with offer.

3. Documents to be submitted after Placement of PO:

Datasheet to be submitted to BHEL for taking approval from Customer/consultant; Manufacturing Clearance will be provided after approval of datasheet by customer/consultant.

4. Warranty: AS PER BID TERMS AND CONDITIONS

5. Pre dispatch inspection:

Supplier internal Test certificate for dimensions, Visual inspection, paint, HV, IR, electrical functions to be submitted before giving inspection calls to BHEL.

Physical inspection of all the above items will be carried out by BHEL/customer after submission of Factory tested test certificate. All items will be directly dispatched to project site from supplier works after obtaining necessary clearance from BHEL.



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Purchase Specification of Printer table

COMP FURN-02

REV No : 00

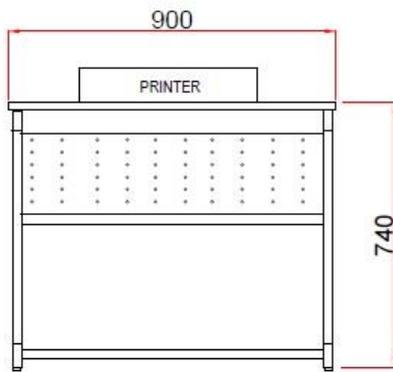
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1. SPECIFICATION OF PRINTER TABLE:

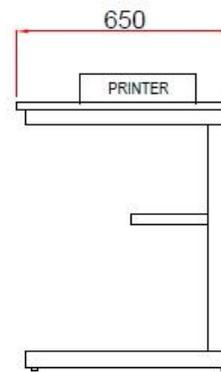
Printer Table of overall Size: W 900 x D 650 x H 740 mm and with specifications as below

S.NO	SPECIFICATION	COMPLIANCE
1.	Table top: 25 mm thick (MDF board) of dimension 900(w) x 650(d) x 740(h) mm, front side post formed edge and other 3 sides PVC edge banding / flat lipping. Top and Bottom to be laminated with Top laminate minimum 0.6mm thick.	YES/NO
2.	1 No. Modesty Panel made of perforated powder coated MS sheet / both sides laminated MDF board.	YES/NO
3.	Structure & Legs: AL Extruded / ERW Tubes / MS, WITH CONCEALED WIRE MANAGEMENT / WIRE CARRIERS / CABLE RACEWAYS.	YES/NO
4.	4 way power distribution board should be provided	YES/NO
5.	ITEM TO BE DISMANTLED & PACKED FOR DESPATCH. DETAILED Bill Of Material & ASSEMBLY DRAWING/INSTRUCTION TO BE ENCLOSED WITH PACKAGING DURING DESPATCH. ALL NUTS, SCREWS, BOLTS, OTHER ACCESSORIES REQUIRED FOR ASSEMBLY TO BE INCLUDED.	YES/NO
	ASSEMBLY AT SITE IN VENDOR SCOPE	
6.	Warranty: AS PER BID TERMS AND CONDITIONS	YES/NO
7.	MAKES: PYROTECH, COSMOS, HARMONY, OTS OR EQUIVALENT	MAKE:

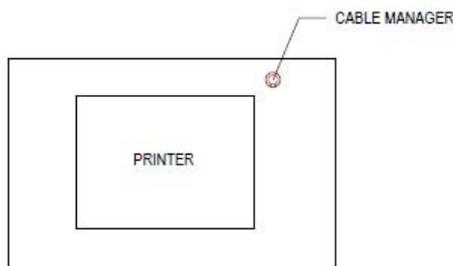
PRINTER TABLE



FRONT VIEW



SIDE VIEW



TOP VIEW

PRINTER TABLE WILL HAVE FOLLOWING FEATURES :-

- (1) OVERALL MINIMUM DIMENSION 900(W) x 650(D) x 740(H) mm
- (2) TABLE TOP : 25 MM THICK THICK MDF.
- (3) STRUCTURE & LEGS : AL EXTRUDED / ERW TUBES / MS, WITH CONCEALED WIRE MANAGEMENT / WIRE CARRIERS / CABLE RACEWAYS.
- (4) MODESTY PANEL MADE OF PERFORATED BACKSHEET
- (5) POWER DISTRIBUTION BOARD WITH SOCKET & SWITCH FOR EACH SOCKET.
- (6) TERMITE PROOF & WATER PROOF BOARD TO BE USED.

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Purchase Specification of Printer table

COMP FURN-02

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2. Documents to be submitted with offer:

All the technical catalogues drawings to be submitted along with offer.

3. Documents to be submitted after Placement of PO:

Datasheet to be submitted to BHEL for taking approval from Customer/consultant; Manufacturing Clearance will be provided after approval of datasheet by customer/consultant.

4. Warranty: AS PER BID TERMS AND CONDITIONS

5. Pre dispatch inspection:

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Purchase Specification of Keypad

COMP FURN-03

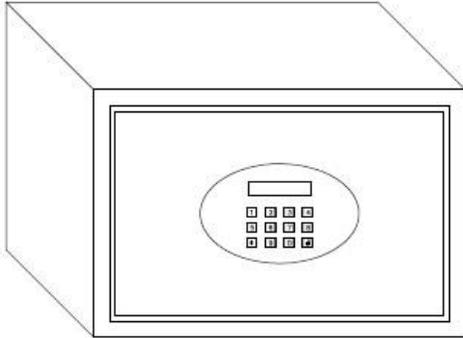
REV No : 00

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1. SPECIFICATION FOR KEYPAD LOCKER

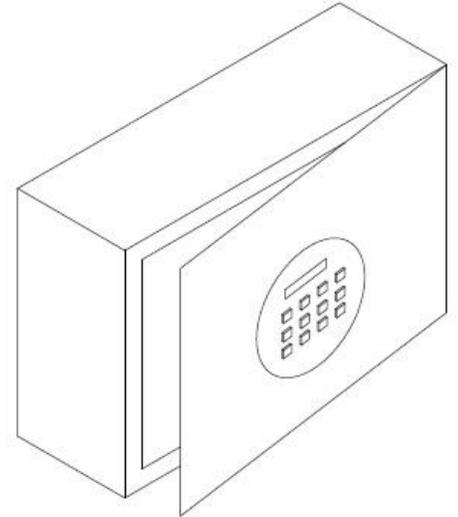
Keypad as per drawing below. Test Certificate to be furnished for overall dimension, Paint thickness & sheet thickness.

KEYPAD LOCKER



KEYPAD

1. Programmable master code of 6 digits.
2. User code can be set from 3–6 digits.
3. Keypad lock after 4 consecutive wrong codes.



Specification

External dimensions (mm) :
250 (H) X 350 (W) X 250 (D)

Net weight : 10 kg

2. Documents to be submitted with offer:

All the technical catalogues drawings to be submitted along with offer.

3. Documents to be submitted after Placement of PO:

Datasheet to be submitted to BHEL for taking approval from Customer/consultant; Manufacturing Clearance will be provided after approval of datasheet by customer/consultant.

4. Warranty: AS PER BID TERMS AND CONDITIONS

5. Pre dispatch inspection:

Supplier internal Test certificate for dimensions, Visual inspection, paint, HV, IR, electrical functions to be submitted before giving inspection calls to BHEL.
Physical inspection of all the above items will be carried out by BHEL/customer after submission of Factory tested test certificate. All items will be directly dispatched to project site from supplier works after obtaining necessary clearance from BHEL.

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A4-10

Purchase Specification of Locker

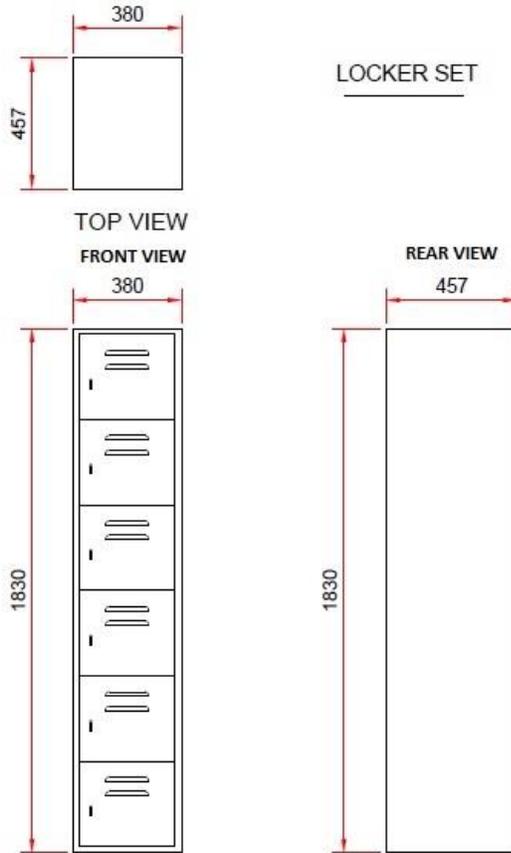
COMP FURN-04

REV No : 00

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1. SPECIFICATION OF LOCKER:

Locker as per drawing below. Test Certificate to be furnished for overall dimension, Paint thickness & sheet thickness.



- 1.MATERIAL : CRCA STEEL
- 2. COLOR : ALUMINIUM GREY (RAL 9006)
- 3.LOCK REPUTED
- 4.OVER ALL DIMENSION
1830MM (H), 380MM (W), 457MM (D)

2. Documents to be submitted with offer:

All the technical catalogues drawings to be submitted along with offer.

3. Documents to be submitted after Placement of PO:

Datasheet to be submitted to BHEL for taking approval from Customer/consultant; Manufacturing Clearance will be provided after approval of datasheet by customer/consultant.

4. Warranty: AS PER BID TERMS AND CONDITIONS

5. Pre dispatch inspection:

Supplier internal Test certificate for dimensions, Visual inspection, paint, HV, IR, electrical functions to be submitted before giving inspection calls to BHEL.

Physical inspection of all the above items will be carried out by BHEL/customer after submission of Factory tested test certificate. All items will be directly dispatched to project site from supplier works after obtaining necessary clearance from BHEL.

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PURCHASE SPECIFICATION

Full Back Control Room Chair

COMP FURN-05

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- 1. Seat/back assembly-** The cushioned seat is assembled with plywood & upholstered seat inner material is molded foam & Polyester fabric.
- 2. Net back** is made up of Back outer (Material-Glass Fiber Filled Nylon) & Back inner (material-ABS) upholstered with polyester Mesh fabric.
 - * Full back size: 48 cm(W) X 59 cm(H)
 - * Seat size: 50.5 cm(W) X 51 cm(D)
 - Polyurethane foam: The Polyurethane foam is moulded with density = 55 +/- 2 kg/m³ and Hardness = 25 +/- 2 at 28% compression
- 3. Back spine:** The support spine is made up of a glass fiber filled with PA6
Armrests:
 - *The 2-way adjustable armrests are designed to move up-down and swivel Adjustable
 - *Armrest is connected to seat rest and can be operated with or without a button.
 - *Swivel adjustment is provided in arm pad, Fixed to armrest structure.
 - *Armpads are made up of PU molded over the plastic inner.
- 4. Front pivot synchro-mechanism:**
Single Lever Multilock Mechanism
 - * Tilt tension adjustment can be operated in a seating position.
 - *Lockable in 4 position
 - * Seat/back tilting ratio of 3:7 (30 seat tilt / 70 back tilt).
 - *The mechanism housing is made up of MS
- 5. Lumbar support assembly:** Lumbar Support spine is made up of glass fiber filled fixed to back spine. The Lumbar pad (material- Poly Propylene) is fixed to lumbar spine through lumbar Pad support. Lumbar Support Assembly has height adjustment of 60mm.
- 6. Pneumatic height adjustment:** The pneumatic height adjustment has an adjustment stroke of 10.0 cm.
- 7. PEDESTAL ASSEMBLY:** The pedestal is High Pressure Die cast polished Aluminum and fitted with 5 nos. twin wheel castors. The pedestal pitch-center dia. is 65.0cm without castors.
- 8. Twin wheel castors:** The twin wheel castors are injection moulded in black Nylon having 60mm wheel Diameter; conforming to BIFMA X5.1 standard tested to perform 1, 00,000 cycles with 253lbs. (114kg) Load

Note: These dimensions are product out to out dimension and variation within 2 cm are normal and acceptable.

Make: Godrej, Featherlite, Pyrotech or equivalent.



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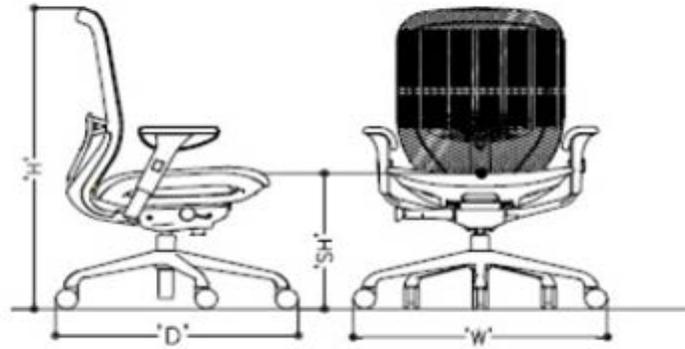
PURCHASE SPECIFICATION

Full Back Control Room Chair

COMP FURN-05

REV No : 00

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WIDTH (W): 75.0 CM.
DEPTH (D): 75.0 CM.
HEIGHT (H): 95.5-105.5 CM.
SEAT HEIGHT (SH): 44.5-54.5 CM.

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Purchase Specification of Almirah

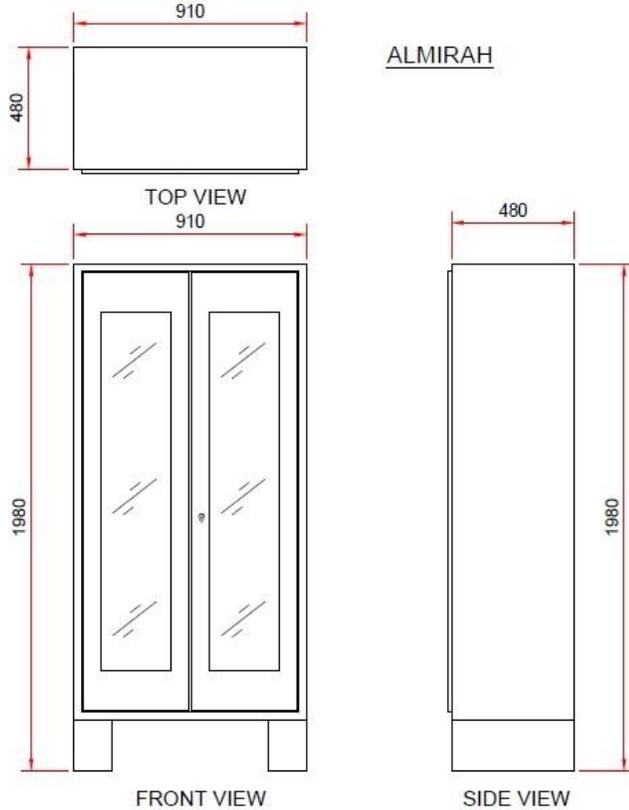
COMP FURN-06

REV No.: 00

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1. SPECIFICATION OF ALMIRAH:

Almirah as per drawing below. Test Certificate to be furnished for overall dimension, Paint thickness & sheet thickness.



NOTE :

1. MATERIAL : CRCA STEEL
2. ALMIRAH COLOR : ALUMINIUM GREY (RAL 9006)
3. IT SHOULD BE LOCKABLE WITH INDIVIDUAL KEY
4. GLASS DOORS TO BE PROVIDED.
5. 3 WAY BOLTING ARRANGMENT WITH LOCK.

2. Documents to be submitted with offer:

All the technical catalogues drawings to be submitted along with offer.

3. Documents to be submitted after Placement of PO:

Datasheet to be submitted to BHEL for taking approval from Customer/consultant; Manufacturing Clearance will be provided after approval of datasheet by customer/consultant.

4. Warranty: AS PER BID TERMS AND CONDITIONS

5. Pre dispatch inspection:

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Quantity Table for Computer Furniture Rate Contract-Projects List						
	Computer Table	Printer Table	Chair	Almirah	Keypad	Locker
PROJECT NAME						
MOUDA-I FGD (2x500)	4	2	17	0	2	2
NTPC North Karanpura 3 x 660 MW TPS-FGD	6	3	21	0	3	3
Korba STPS Stg-III 1x500MW (Lot-3) FGD		3	43		3	3
Patratu	33	28	108	23	12	12
Tuticorin FGD	5	2	8	0	0	0
Khurja	3	7	4	0	2	2
NTPC Ramagundem Stg-I 3x200MW (Lot-3) FGD		1	19		6	6
NTPC Ramagundem Stg-II 3x500MW (Lot-3) FGD						
Kothagudam FGD		2	5			
Manuguru FGD		1	4			
Yadadri FGD		2	5			
NSPCL BHILAI FGD (2X250MW)		1	9	2	2	2
BRBCL Nabinagar 4x250MW (Lot-1A) FGD		1	15		4	4
NPGCL Nabinagar 3x660MW (Lot-1A) FGD		1	12		3	3
Barh FGD Stg-I 3x660 MW,Stg-II 2x660 MW	6	3	21	0	3	3
DVC Panchet	4	3	3			
HEP Kutyadi	5	2	6			
Total	66	62	300	25	40	40
10% prospective orders	7	6	30	3	4	4
Item	Computer Table	Printer Table	Chair	Almirah	Keypad	Locker
Total Qty	73	65	310	30	40	40