



**AGENDA FOR 5TH MEETING
OF BUILDING & WORKS
COMMITTEE**

FEBRUARY 21, 2006



**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119**

**AGENDA FOR 5TH MEETING OF BUILDING & WORKS
COMMITTEE**

**VANUE: Board Room
National Institute of Technology
Kurukshetra**

DAY : Tuesday

DATE : 21-2-2006

TIME : 11.00 AM

**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136 119**

INDEX

ITEM NO.	ITEM	PAGE
	Constitution of Building and Works Committee	1
5.1	To confirm the minutes of the 4 th meeting of the Building & Works Committee held on 13.12.2005	3
5.2	To consider and approve the rough cost estimate for Extension of Mechanical Engg. Block at NIT Kurukshetra.	4
5.3	To consider and approve the rough cost estimate for providing facilities viz. False Ceiling, Flooring, Air-conditioning etc. of Computing & Networking at NIT, Kurukshetra.	6
5.4	To consider and approve the rough cost estimate for Renovation of Administrative Block at NIT Kurukshetra.	11
5.5	To consider and approve the rough cost estimate for Special Repair of water channel at roofs in workshop at NIT Kurukshetra.	16
5.6	To consider and approve the rough cost estimate for Renovation of Electrical Lab. & Conference room (one no.) at NIT Kurukshetra	18

CONSTITUTION OF BUILDING & WORKS COMMITTEE

1. Dr. M.N. Bandyopadhyay
Director,
National Institute of Technology,
Kurukshetra. Chairperson
2. Er. M.P Gupta,
Director, Technical Education Haryana,
SCO No. 38-39, Sector 17-A
Chandigarh. Member
3. Dr. G L Jambhulkar,
Deputy Educational Advisor,
Govt. of India, Ministry of Human Resource Development,
Department of Secondary & Higher Education,
Shastri Bhawan, New Delhi. Member
4. Dr. Prasad Krishna,
Advisor(QA), AICTE (BOG nominee on BWC),
All India Council For Technical Education,
NBCC Building Eastern Towers,
IVth Floor, Pragati Vihar,
Lodhi Road,
New Delhi- 110003. Member
5. Sh. Amitabha Basu
Group General Manager, RBG Head (N)
NBCC Ltd., NBCC Place,
Bhishma Pitahma Marg, Pragati Vihar,
New Delhi-110003 Member
6. Representative of PWD(B&R), Civil Wing,
Office of Engr-In-Chief, PWD(B&R),
Old Estate Bldg., Sector 19B
Chandigarh Member
7. Dr. Krishna Gopal,
Dean (P&D)
NIT, Kurukshetra Member
8. Prof. R K Bansal
Prof. I/C(Estate & Constn.)
NIT, Kurukshetra. Invitee
9. Sh. Kapil Sharma
M/S S.K. Integrated Consultant,
280, Deepali Enclave, Pitam Pura
Delhi. Invitee

10. Dr. M.K. Soni
Prof. I/C (Elect. Mtc.)
NIT, Kurukshetra
Invitee
11. Dr. Diwan Singh
Dy.Prof. I/C (Estate & Const.)
NIT, Kurukshetra
Invitee
12. Sh. R P S Lohchab
Registrar,
NIT, Kurukshetra.
Member-Secretary

Item 5.1 To confirm the minutes of the 4th meeting of the Building & Works Committee held on 13.12.2005

The minutes of 4th meeting were circulated amongst the members vide No. EO/3708/1127-32/8174-79 dated 20/21.12.05. No comments were received from any member. The minutes may, therefore, be confirmed.

Item 5.2 To consider and approve the rough cost estimate for Extension of Mechanical Engg. Block at NIT Kurukshetra.

All the departmental blocks viz; Administrative Block, Electrical Engg. Block, Civil Engg. Block and Applied Mechanics block were extended sometimes back to provide more space for laboratories etc. But Mechanical Engg. block could not be extended at that time due to the existence of some temporary structures. Now, it is proposed to extend Mechanical block from TEQIP grant as the department is facing hardship because of space and needs more space for laboratories etc. NBCC charges @ 8% would be met out from Institute Development Fund.

Therefore, it is requested that the Building & Works Committee may consider and approve the rough cost estimate of Rs. 21.69 lacs submitted by NBCC for Extension of Mechanical Engg. Block along with NBCC charges @ 8% i.e. Rs. 1.74 lacs.

**ROUGH COST ESTIMATE FOR EXTENSION OF MECHANICAL
ENGG. BLOCK**

AREA – 180 SQM

SCOPE: CONSTRUCTION OF NEW MECHANICAL ENGG.BLOCK

Sr. no	Description	Area	Unit	Rate	Amount
1	Mech. Engg Block	180.00	Sqm	9000/-	1620000.00

Services

1	Public Health Works		10%		162000.00
2	Internal Elect & External Electrical		20%		<u>324000.00</u>

2106000.00

ADD Contingency 3% 63180.70

TOTAL 2169180.70

NOTE: NBCC CHARGES @ 8% WILL BE CHARGE EXTRA.

Item 5.3 To consider and approve the rough cost estimate for providing facilities viz. False Ceiling, Flooring, Air-conditioning etc. of Computing & Networking at NIT, Kurukshetra.

The Centre of Computing & Networking at the Institute needs the provision of false ceiling, flooring, partition walls, Air-conditioning including electrical fittings etc. A rough cost estimate amounting to Rs. 22.47 has been prepared by NBCC for this work.

Therefore, it is requested that the Building & Works Committee may consider and approve the rough cost estimate of Rs. 22.47 lacs for this work from TEQIP along with NBCC charges @ 8% i.e. Rs. 1.80 lacs to be met from Institute Development Fund.

Rough Cost Estimate For False Ceiling & Flooring Work in Centre of Computing & Networking at NIT KKR

SR. NO.	DSR Item No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	9.82	Providing & fixing M S grills of required pattern in frames of windows etc. with M S flats, square or round bars etc. all completed.				
		Fixed to steel windows by welding.	Kg	250.00	51.00	12750.00
2	11.78.2	Providing & laying polished porcelain floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorptions less than 1% and flexural strength not less than 30N/sqmm, in all colours & shades, laid on 20 mm thick cement mortar/adhesive/tile fixer 1:4 (1 cement: 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.				
		Size of Tile 60 x 60 CM	Sqm	280.00	1203.95	337106.00
3	12.84	Providing & fixing 15 mm thick USG- Reader Mineral Fibre False Ceiling Tiles or equivalent of size 600 x 600 mm in true horizontal level suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 170 gsm/sqm) consisting of main "T" runner suitably spaced at joints to get required length and of size 24 x 38 mm made from 0.30 mm thick (minimum) sheet spaced at 1200 mm centre to centre and cross "T" of size 24 x 25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm centre to centre to form a grid of 1200 x 600 mm and secondary cross "T" of length 600 mm and size 24 x 25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200 x 600 mm panel to form grids of 600 x 600 mm and laying 15 mm thick mineral fibre false ceiling tiles of approved texture in the grid including, wherever required, cutting/ making, opening for services				
		like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats fixed to ceiling with 6mm dia and 50 mm long dash fasteners, 4mm GI adjustable rods with galvanized level clips spaced at 1200 mm centre to centre along main T bottom exposed width of 24 mm of all T section shall be pre painted with polyester, all complete at all heights as per specification drawings and as directed by Engineer-in charge.	Sqm	280.00	633.60	177408.00

SR. NO.	DSR Item No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4	13.40 A	Providing & applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	Sqm	245.00	33.90	8305.50
5	13.79 A.1	Finishing Wall with textured exterior paint "Sandtex Matt" of M/s Snowcem India Limited or equivalent of required shade				
		New Work (Two or more Coat applied @ 3.28 ltr/10 Sqm) over and including base coat of water proofing cement paint" Snowcem Plus" or equivalent applied @ 2.20 Kg/10Sqm	Sqm	245.00	80.00	19600.00
6	13.92	Painting with plastic emulsion paint of approved brand & manufacture to give an even shade.				
		Two or more coat on New Work	Sqm	280.00	30.80	8624.00
7	13.94. 1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give and even shade:				
		Two or more coat on New Work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	Sqm	90.00	37.35	3361.50
8	14.78	Removing white wash or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm	245.00	2.10	514.50
9	24.3.2	Providing & fixing glazing in aluminum door, Window,ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in -charge. (Cost of aluminum snap beading shall be paid in basic item.) with glass panes of 5.50 mm thickness (weight not less than 13.75 Kg/Sqm	Sqm	250.00	525.70	131425.00
						699094.50
ADD DSR 34%						237692.13
A						936786.63

SR. NO.	DSR Item No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	NS	Providing and Fixing Air-cooled ductable split units with motorated hermitically sealed multi compressors (scroll technology) 3-row deep DX coil having aluminum fins, synthetic filter, blower section with motor and drive, air cooled condenser, initial charge of gas and oil, high low pressure cutouts thermostatic control, all the items equipment encased in a metallic cabinet having powder coated finish. Complete job including micro processor control of normal capacity of Amtrex-Hitachi, Blue Star, Carrier, Voltas make electrical control panel indicating lights and control switches and canvas connections etc. (8.5 TR + 8.5 TR + 7.0 TR + 6.0 TR + 3.0 TR = 5 Nos)	Nos	5.00	LS	68000.00
2	NS	Providing and Fixing Refrigerating copper piping between indoor and outdoor units. (16 SWG)	Rmt	175.00	375.00	65625.00
3	NS	Providing and Fixing suitable condenser frame structurally suitable for outdoor units made of structural steel and painted with one coat of primer and two coats of synthetic enamel paint of colour same as that of condenser unit.	Nos	10.00	2000.00	20000.00
4	NS	Providing and fixing Ducts made out of G.S. sheets of SAIL/TATA make. Complete job as per detailed drawings including suspension from RCC ceiling with MS hangers, MS angle steel rawl plugs, fasteners painting the MS structure with enamel paint of approved colour and quality (22 SWG)	Sqm	200.00	500.00	100000.00
5	NS	Providing and Fixing Thermal insulation of the supply air ducts (tail end) and return air duct (as mentioned) with 25 mm thick fibre glass of UP Twiga / Fgr (TI -1500 /Density 24 kg/ cum) covered with 22 gauge aluminum sheet.	Sqm	200.00	250.00	50000.00
6	NS	Providing and Fixing Acoustic lining of supply air ducts for the first 3 Rmt. Length from the fan outlet with 12mm thick fibre glass rigid board (TI - 3000 having a density of 48.0 kg per cum) covered with 0.5 mm thick RP tissue paper, GI Flymesh, GI Nuts and bolts. Complete job	Sqm	25.00	550.00	13750.00
7	NS	Providing and fixing Grilles:				

SR. NO.	DSR Item No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	a	Powder coated white supply air grilles continuous type single louvered and screwless appearance of CARAYAIRES make only. Complete job including dampers.	Sqm	5.00	4000.00	20000.00
	b	Powder coated white supply air spot grilles type double louvered of CARAYAIRES make only.	Sqm	5.00	5100.00	25500.00
	c	Powder coated white return air spot grilles type double louvered of CARAYAIRES make only.	Sqm	5.00	5100.00	25500.00
	d	Powder coated white supply/return air diffusers of CARAYAIRES make only.	Sqm	10.00	7000.00	70000.00
	e	MS volume control dampers (painted black) for supply air chutes.	Sqm	5.00	2000.00	10000.00
8	NS	Providing and fixing Drain piping with GI pipes of TATA 'T' or Jindal 'B' (Hissar) upto 50mm dia. With all accessories e.g. elbows, unions, sockets, reducers, reducing tees, reducing elbows, tees, nipples etc. Complete job including cutting chasing in walls, floor roof insulation making good all the chases/cuts etc. and discharging the drain into a floor trap/gully trap as per the site conditions.	Mtr	30.00	250.00	7500.00
9	NS	Providing and fixing Fresh air louver with propeller type fan (300mm dia 900 RPM MS fresh air louver (20/24 gauge-VCD) volume control damper for fresh air arrangement.	Nos	3.00	2600.00	7800.00
10	NS	Providing and Fixing Fire dampers with fusible plug.	Nos	3.00	1500.00	4500.00
11	NS	Miscellaneous Electrical Works I/c wiring & light fixtures and Dismantelling of Existing False Ceiling & Electrical Fittings/ Fixtures and depositing the serviceable items in store.				
LS						145000.00
B						1245175.00
A + B						2181961.63
Add 3% Contingency						65458.85
TOTAL						2247420.48
NOTE: NBCC CHARGES @ 8% WILL BE CHARGE EXTRA						

Item 5.4 To consider and approve the rough cost estimate for Renovation of Administrative Block at NIT Kurukshetra.

The State Bank of India, NIT branch has been shifted from Administration Block of the Institute to the newly established shopping centre and the old space vacated by State Bank of India needs renovation for its conversion to offices of Estate Section. The Board Room of the Institute and also the Director's & Registrar's Offices need provision of false ceiling, glazed tiling and other modifications. For this work, the NBCC has submitted a rough cost estimate amounting to Rs. 19.44 lacs to be funded by TEQIP and 8% NBCC charges amounting to Rs. 1.55 lacs to be met out of Institute Development Fund.

Therefore, it is requested that the Building & Works Committee may consider and approve the rough cost estimate of Rs. 19.44 lacs along with NBCC charges @ 8% i.e. Rs. 1.55 lacs.

Rough Cost Estimate For Renovation of Administrative Block at NIT Kurukshetra

SR. NO	DSR Item	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	5.3	Reinforcement Cement Concrete work in beams, suspended floor, roofs having slopes upto 15 degree, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:2:4 (1cement:2coarse sand:4graded stone aggregate 20mm nominal size).	Cum	8.00	2120.65	16965.20
2	5.14	Centering and shuttering including strutting, propping etc.and removal of form for :				
	5.14.3	Suspended floors, roofs, landing and balconies.	Sqm	20.00	111.20	2224.00
3	5.29	Reinforcement for RCC work including straightening, cutting, bending, binding and placing in position and binding all complete.				
	5.29.3	TMT bars.	KG	900.00	21.85	19665.00
4	6.1.14	Brick work with F P S bricks of class designation 75 in foundation and plinth in				
		Cement mortar 1:6 (1 Cement : 6 Coarse Sand)	Cum	15.00	1384.50	20767.50
5	6.3	Extra for brick work in super structure above plinth level upto floor V level.	Cum	60.00	206.40	12384.00
	11.73	Providing & Fixing 1st quality ceramic glazed tiles conforming to IS: 13753 of minimum thickness 5mm of approved make like NITCO, ORIENT, SOMANY, KAJARIA or equivalent make in all colors, shades except begundy, bottle green, black of any size as approved by Engineer- in-Charge in skirting, riser of steps and dados over 12mm thick bed of cement mortar 1:3 (1 Cement: 3 Coarse sand) and jointing with grey cement slurry @ 3.3 Kg per Sqm including pointing in white cement mixed with pigment of matching shade complete.	Sqm	50.00	373.30	18665.00

SR. NO	DSR Item	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	11.78.2	Providing & laying polished porcelain floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorptions less than 1% and flexural strength not less than 30N/sqmm, in all colours & shades, laid on 20 mm thick cement mortar/adhesive/tile fixer 1:4 (1 cement: 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.				
		Size of Tile 60 x 60 CM	Sqm	390.00	1203.95	469540.50
6	12.84	Providing & fixing 15 mm thick USG-Reader Mineral Fiber False Ceiling Tiles or equivalent of size 600 x 600 mm in true horizontal level suspended on inter locking metal grid of hot dipped galvniel steel sections (galvanized @ 170 gsm/sqm) consisting of main "T" runner suitably spaced at joints to get required length and of size 24 x 38 mm made from 0.30 mm thick (minimum) sheet spaced at 1200 mm centre to centre and cross "T" of size 24 x 25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm centre to centre to from a grid of 1200 x 600 mm and secondary cross "T" of length 600 mm and size 24 x 25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200 x 600 mm panel to form grids of 600 x 600 mm and laying 15 mm thick				
		mineral fiber false ceiling tiles of approved texture in the grid including , wherever required , cutting/ making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc.Main "T" runners to be suspended from ceiling using Gi slotted cleats fixed to be ceiling with 6mm dia and 50 mm long dash fasteners, 4mm GI adjustable roads with galvanized level clips spaced at 1200 mm centre to centre along main T bottom exposed width of 24 mm of all T section shall be pre painted with polyester, all complete at all heights as per specification drawings and as directed by Engineer-in charge.	Sqm	390.00	633.60	247104.00

SR. NO	DSR Item	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
7	13.12	15 mm cement plaster on rough side of single or half brick wall of mix				
	13.12.4	1:6 (1 Cement : 6 Coarse sand)	Sqm	190.00	54.15	10288.50
8	13.40 - A	Providing & applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	Sqm	310.00	33.90	10509.00
9	13.79 A.1	Finishing Wall with textured exterior paint "Sandtex Matt" of M/s Snowcem India Limited or equivalent of required shade				
		New Work (Two or more Coat applied @ 3.28 ltr/10 Sqm) over and including base coat of water proofing cement paint" Snowcem Plus" or equivalent applied @ 2.20 Kg/10Sqm	Sqm	310.00	80.00	24800.00
10	13.92	Painting with plastic emulsion paint of approved brand & manufacture to give an even shade.				
		Two or more coat on New Work	Sqm	390.00	30.80	12012.00
11	13.94.1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give and even shade:				
		Two or more coat on New Work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	Sqm	140.00	37.35	5229.00
12	14.78	Removing white wash or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm	310.00	2.10	651.00
13	15.7.4	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meter lead				
		In Cement Mortar	Cum	110.00	204.25	22467.50

SR. NO	DSR Item	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
14	24.3.2	Providing & fixing glazing in aluminum door, Window,ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in - charge. (Cost of aluminum snap beading shall be paid in basic item.) with glass panes of 5.50 mm thickness (weight not less than 13.75 Kg/Sqm	Sqm	250.00	525.70	131425.00
						1024697.20
ADD DSR 34%						348397.05
A						1373094.25
1	NS	Providing & fixing wall paneling with fully perforated gypsum board panels of size 12.5 mm thick 595mm x 595mm Product Code :KGQA003 with 3 mm grooves screws fixed with dry wall screws of 25 mm at 300 mm c/c to either side of 48 mm stud (0.55 mm thick having one flange of 24 mm and other flange of 36 mm made of GI sheet) placed 600 mm c/c in 50 mm floor and ceiling channel (0.55mm thick) having equal flanges of 32 mm made of GI sheet as per design, including 3 coats of plastic emulsion of approved shade.	Sqm	80.00	860.00	68800.00
2	NS	Miscellaneous Electrical Works (Wiring/ light fixtures I/c dismantelling of old wiring)			LS	310000.00
3	NS	Miscellaneous Public Health works including fitting etc. complete			LS	135000.00
						B 513800.00
TOTAL A + B						1886894.25
Add 3% Contingency						56606.83
TOTAL						1943501.08
NOTE: NBCC CHARGES @ 8% WILL BE CHARGE EXTRA.						

Item 5.5 To consider and approve the rough cost estimate for Special Repair of water channel at roofs in workshop at NIT Kurukshetra.

The RCC rain water channels of roofs in workshop need strengthening/repairs because these channels leak during rains affecting the utility of various laboratories. For this work, NBCC has submitted a rough cost estimate amounting to Rs. 14.79 lacs to be funded by TEQIP and 8% NBCC charges amounting to Rs. 1.18 lacs to be met out of Institute Development Fund.

Therefore, it is requested that the Building & Works Committee may consider and approve the rough cost estimate of Rs. 14.79 lacs along with NBCC charges @ 8% i.e. Rs. 1.18 lacs.

Cost Estimate For Special Repair of Water channel at roofs in workshop at NIT Kurukshetra

DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Special Repair for RCC rain water channel of roofs in workshop with chicken mess and grouting of neat slurry with cement concrete 1:1.5:3 (1 Cement: 1.5 Sand: 3 stone aggregate 10 mm) and rounding at joints with cement mortar 1:3 etc. complete.	Rmt	275.00	5220.00	1435500.00
				1435500.00
Add 3% Contingency				43065.00
TOTAL				1478565.00
NOTE: NBCC CHARGES @ 8% WILL BE CHARGE EXTRA.				

Item 5.6 To consider and approve the rough cost estimate for Renovation of Electrical Lab. & Conference room (one no.) at NIT Kurukshetra

There is a necessity to renovate Electrical Machines and Drives Lab. of Electrical Engineering Department. Also it is proposed to convert room no. E-324 into Conference Room of Electrical Engineering Department. For this work, the NBCC has submitted a rough cost estimate amounting to Rs. 2.83 lacs to be funded from TEQIP and 8% NBCC charges amounting to Rs. 0.23 lac to be met out of Institute Development Fund.

Therefore, it is requested that the Building & Works Committee may consider and approve the rough cost estimate of Rs. 2.83 lacs along with NBCC charges @ 8% i.e. Rs. 0.23 lac.

Rough Cost Estimate For Renovation of Electrical Lab & Conference Room (One No.) at NIT Kurukshetra

SR. NO.	DSR Item	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	11.78.2	Providing & laying polished porcelain floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorptions less than 1% and flexural strength not less than 30N/sqmm, in all colours & shades, laid on 20 mm thick cement mortar/adhesive/tile fixer 1:4 (1 cement:4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete Size of Tile 60 x 60 CM	Sqm	50.00	1203.95	60197.50
2	12.84	Providing & fixing 15 mm thick USG- Reader Mineral Fibre False Ceiling Tiles or equivalent of size 600 x 600 mm in true horizontal level suspended on inter locking metal grid of hot dipped galvniel steel sections (glvanized @ 170 gsm/sqm) consisting of main "T" runner suitably spaced at joints to get required length and of size 24 x 38 mm made from 0.30 mm thick (minimum) sheet spaced at 1200 mm centre to centre and cross "T" of size 24 x 25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm centre to centre to from a grid of 1200 x 600 mm and secondary cross "T" of length 600 mm and size 24 x 25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200 x 600 mm panel to form grids of 600 x 600 mm and laying 15 mm thick mineral fibre false ceiling tiles of approved texture in the grid including , wherever required , cutting/ making, opening for services like diffeusers, grils, light fittings, fixtures, smoke detectors etc.Main "T" runners to be suspended from ceiling using Gi slotted cleats fixed to be ceiling and 50 mm long dash fasteners, 4mm GI adjustable roads with galvanized level clips spaced at 1200 mm centre to centre along main T bottom exposed width of 24 mm of all T section shall be pre painted with polyester, all complete at all heights as per specification drawings and as directed by Engineer-in charge.	Sqm	50.00	633.60	31680.00
3	13.40 A	Providing & applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	Sqm	35.00	33.90	1186.50

SR. NO.	DSR Item	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4	13.79 A.1	Finishing Wall with textured exterior paint "Sandtex Matt" of M/s Snowcem India Limited or equivalent of required shade				
		New Work (Two or more Coat applied @ 3.28 ltr/10 Sqm) over and including base coat of water proofing cement paint" Snowcem Plus" or equivalent applied @ 2.20 Kg/10Sqm	Sqm	35.00	80.00	2800.00
5	13.92	Painting with plastic emulsion paint of approved brand & manufacture to give an even shade.				
		Two or more coat on New Work	Sqm	50.00	30.80	1540.00
6	13.94. 1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give and even shade:				
		Two or more coat on New Work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	Sqm	10.00	37.35	373.50
7	14.78	Removing white wash or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm	35.00	2.10	73.50
8	24.3.2	Providing & fixing glazing in aluminum door, Window,ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in -charge. (Cost of aluminum snap beading shall be paid in basic item.) with glass panes of 5.50 mm thickness (weight not less than 13.75 Kg/Sqm	Sqm	80.00	525.70	42056.00
						139907.00
ADD DSR 34%						47568.38
A						187475.38
1	NS	Providing & fixing wall paneling with fully perforated gypsum board panels of size 12.5 mm thick 595mm x 595mm Product Code :KGQA003 with 3 mm grooves screws fixed with dry wall screws of 25 mm at 300 mm c/c to either side of 48 mm stud (0.55 mm thick having one flange of 24 mm and other flange of 36 mm made of GI sheet) placed 600 mm c/c in 50 mm floor and ceiling channel (0.55mm thick) having equal flanges of 32 mm made of GI sheet as per design, including 3 coats of plastic emulsion of approved shade	Sqm	20.00	860.00	17200.00
2	NS	Miscellaneous Electrical Works (Wiring/ light fixtures I/c dismantelling of old wiring)	L S			70000.00
						B
A + B						87200.00
Add 3% Contingency						8240.26
TOTAL						282915.64
NOTE:		NBCC CHARGES @ 8% WILL BE CHARGE EXTRA				

