

SE/NC. Agt. No. 78 / 2022-2023

FILE No. SE/NC/DB/1036/2022 ✓

**REPORT ACCOMPANYING SLIP FOR LUMP SUM AGREEMENT
(FOR OFFICE USE ONLY)**

**TAMILNADU POLICE HOUSING CORPORATION LTD.,
NORTH CIRCLE, SALEM – 636 006.**

NAME OF PROJECT : Renovation works to the Poompohar Shopping Complex at Cuddalore in Cuddalore District.

NAME OF WORK : Renovation works to the Poompohar Shopping Complex at Cuddalore in Cuddalore District.

ESTIMATE AMOUNT : Rs.63,04,600/- ✓

ESTIMATE No. : CER. No: 67 / 2022 – 2023 ✓

ESTIMATE AMOUNT PUT IN TENDER : Rs.54,26,920.85 ✓

TENDER VALUE : Rs.46,64,428.79 ✓

LESS AMOUNT : Rs.7,62,492.06 ✓

LESS PERCENTAGE : (-) 14.05% ✓

TENDER ACCEPTED BY WHOM : The Chairman & Managing Director, TNPCL, Chennai.

NAME OF THE CONTRACTOR : M/s.Microtech Engineering Corporation, New No.17, 3rd Cross Street, Rajivgandhi Nagar, Nanmangalam, Chennai – 600 117. ✓

No. OF ITEMS IN THE AGREEMENT : 107 (One hundred and Seven Only)

No. OF PAGES IN THE AGREEMENT : 75 (Seventy five Only)

No. OF CORRECTIONS IN THE AGREEMENT } : 83 (Eighty three Only)

Ganesh
24/10/23
SUPERINTENDING ENGINEER,
NORTH CIRCLE / SALEM.



தமிழ்நாடு தமில்நாடு TAMILNADU

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18 FEB 2022



CP/332860

S. SINGHAVELU
STAMP VENDOR
No. 2, 4th Main Road, (Methu-
NAGANALLUR, CHENNAI)
No. 4988 / 101

ARTICLES OF AGREEMENT (Lump Sum) SE/NC/Agt.No. /2022-2023

ARTICLES OF AGREEMENT made this Twenty-fourth day of January 2023. Between the Tamil Nadu Police Housing Corporation Limited, (hereinafter called the Corporation Limited which expression shall where the context so admits include its successors in office and assigns) of the one part and

M/s.Microtech Engineering Corporation,
New No.17, 3rd Cross Street,
Rajivgandhi Nagar, Nanmangalam,
Chennai – 600 117.

(Hereinafter called the contractor which expression shall where the context so admits include its heirs, executors, administrators and legal representatives) of the OTHER PART.

WHEREAS the corporation Limited is desirous of Renovation works to the Poompohar Shopping Complex at Cuddalore in Cuddalore District and have caused an estimate of probable quantities contained in schedule-A, drawings and specifications describing the work to be done to be prepared.

For MICROTECH ENGINEERING CORPORATION

CONTRACTOR

Proprietor

NO. OF CORRECTIONS

SUPERINTENDING ENGINEER,
NORTH CIRCLE/TNPHC LTD.,

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**TAMIL NADU POLICE HOUSING CORPORATION LIMITED.,
NORTH CIRCLE, SALEM - 636006.**

ARTICLES OF AGREEMENT (Lump Sum) SE/NC/Agt.No. /2022-2023

ARTICLES OF AGREEMENT made this.....day of Between the Tamil Nadu Police Housing Corporation Limited, (hereinafter called the Corporation Limited which expression shall where the context so admits include its successors in office and assigns) of the one part and

M/s.Microtech Engineering Corporation,
New No.17, 3rd Cross Street,
Rajivgandhi Nagar, Nanmangalam,
Chennai - 600 117.

(Hereinafter called the contractor which expression shall where the context so admits include its heirs, executors, administrators and legal representatives) of the OTHER PART.

WHEREAS the corporation Limited is desirous of **Renovation works to the Poompohar Shopping Complex at Cuddalore in Cuddalore District** and have caused an estimate of probable quantities contained in schedule-A, drawings and specifications describing the work to be done to be prepared.

AND WHEREAS the said schedule-A, drawings (schedule B) and the specifications (schedule-C) and other schedules herewith annexed have been signed by or on behalf of the parties hereto.

AND WHEREAS the contractor has agreed to the retention, by the Corporation Limited of earnest money of **Rs.37,200/- (Rupees Thirty Seven Thousand and Two Hundred only)** (including GST) vide in the form of **Demand Draft No: 434933, Dated: 05.11.2022** issued by **Punjab National Bank, Medavakkam, (Kancheepuram) (6077)** paid by her/him/them when he/she/they submitted his/her/their tender, as security for the due fulfillment of the contract to the satisfaction of the Corporation Limited or any other officer authorized by the Corporation Limited.

AND WHEREAS the Contractor has remitted a sum of **Rs.1,70,000/- (Rupees One Lakh and Seventy Thousand only)** (including GST) towards the **Security deposit** amount of **Rs.56,100/-** and **Additional security deposit** amount of **Rs.1,08,600/-** vide in the form of **Savings Bank Passbook (NSC scheme) Account No: 020058290747**, for a value of **Rs.1,70,000.00 DOI: 21.12.2022 and DOM: 21.12.2027** issued by the Sub Postmaster, Kovilambakkam 600129 and pledged to the Executive Engineer/TNPHC Ltd, Salem Division on 14.01.2023 for the due fulfillment of the contract to the satisfaction of the Corporation Limited or any other officer authorized by the

Corporation Limited.

For MICROTECH ENGINEERING CORPORATION

Contractor

Proprietor

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No. of Corrections

[Signature]
Superintending Engineer,
North Circle/TNPHC Ltd.,

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AND WHEREAS the contractor has agreed to execute upon and subject to the conditions set forth in the conditions of contract of the Tamil Nadu Building Practice and such other conditions as are contained in all the specifications forming part of this contract (hereinafter referred to as "the said conditions") the work shown upon the drawings and described in the said specifications and set forth in Schedule -A as the "Probable Quantities" and comply with the rate of progress noted at the end of this ARTICLES OF AGREEMENT, for a sum of **Rs.46,64,428.79 (Rupees Forty Six Lakhs Sixty Four Thousand Four Hundred and Twenty Eight and Paise Seventy Nine only)** (including GST @18%) or such other sum as may be arrived at under the clause of the General conditions of contract relating to "Payment on lumpsum basis or by final measurement at Unit Prices"


Now it is hereby agreed as follows:-

1. In consideration of the payment of the said sum of **Rs.46,64,428.79 (Rupees Forty Six Lakhs Sixty Four Thousand Four Hundred and Twenty Eight and Paise Seventy Nine only)** (including GST @ 18%) or such other sum as may be arrived at under the clause of the General conditions of contract relating to Payment on Lumpsum basis or by final measurement at unit prices, the Contractor will, upon and subject to the said conditions execute and complete the works shown upon the said drawings and described in the said specifications and to the extent of the probable quantities shown in schedule-A, with such variations by way of alterations of, additions to, or deductions from, the said works and method of payment therefore as are provided for in the said conditions.
2. The term "Corporation Limited" in the said conditions shall mean the Tamil Nadu Police Housing Corporation Limited or any officer of the Corporation Limited incharge of the works who shall be competent to exercise all the powers and privileges reserved herein, in favour of the Corporation Limited with the previous sanction of the Corporation Limited or any other officer authorized by the Corporation Limited.
3. The arbitrator for fulfilling the duties set forth in the arbitration clause of the General conditions of contract shall be the Chief Engineer, Tamil Nadu Police Housing Corporation Limited upto value of claims of Rs.50,000/-. If the value of claims exceeds Rs.50,000/- the matter shall be referred to the court having jurisdiction over Tamil Nadu state.

For MICROTCH ENGINEERING CORPORATION

Contractor Proprietor


No. of Corrections


Superintending Engineer,
North Circle/TNPHC Ltd.,

4. Time shall be considered as the essence of the Agreement and the Contractor hereby agrees to commence the work as soon as this Agreement is accepted by the Corporation Limited or any other officer authorized by the Corporation Limited and the site (or premises) is handed over to him/her/them/their as provided for in the said conditions and agrees to complete the work within **SIX MONTHS** from the date of such handing over the site (or premises) and to show progress as defined in the tabular statement "RATE OF PROGRESS" below, subject nevertheless to the provisions for extension of time contained in clause 56 of the General conditions of contract.

Rate of Progress

The following rate of progress and proportionate value of work done from time to time, as will be indicated by the Executive Engineer's Certificate of the value of work done will be required.

Date of commencement of this programme will be the date on which the site (or premises) is handed over to the Contractor.

Period of Contract – 06 Months

Period after date of commencement	Percentage of work completed (based on contract Lump Sum amount)
1 st Month	20% of whole work
2 nd Month	40% of whole work
3 rd Month	65% of whole work
4 th Month	80% of whole work
5 th Month	90% of whole work
6 th Month	100% of whole work

5. "The said conditions "shall be read and construed as forming part of this agreement and the parties hereto will respectively abide by and submit themselves to the conditions and stipulations and perform the agreements on their parts, respectively.
6. Upon the terms and conditions of this Agreement being fulfilled and performed to the satisfaction of the Corporation Limited or any other officer authorized by the Corporation Limited, the security deposited by the contractor as herein before recited or such portion thereof as he/she/they may be entitled to under the said conditions shall be returned to the contractor.

For MICCROTECH ENGINEERING CORPORATION

Contractor

Proprietor

No. of Corrections

Superintending Engineer,
North Circle/TNPHC Ltd.,

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The contractor **M/s.Microtech Engineering Corporation.,** Chennai – 600 117 has hereunto set his/her/their hand and the Superintending Engineer/North Circle of Tamil Nadu Police Housing Corporation Limited on behalf of the Corporation Limited has hereunto set his/her/their hand, the day and year first above written.

Signed by the Contractor :

For MICROTECH ENGINEERING CORPORATION

[Signature]
Proprietor

Address :

M/s.Microtech Engineering Corporation,
New No.17, 3rd Cross Street,
Rajivgandhi Nagar, Nammangalam,
Chennai – 600 117.

In the presence of witness

Signed by the :

[Signature]

Superintending Engineer,
North Circle/TNPHC Ltd.,

In the presence of

For MICROTECH ENGINEERING CORPORATION

[Signature]
Contractor
Proprietor

[Signature]
No. of Corrections

[Signature]
Superintending Engineer,
North Circle/TNPHC Ltd.,

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TAMIL NADU POLICE HOUSING CORPORATION LIMITED

No.1&7, Inspector's quarters, PGR Line, Behind CPO Building,
Annadhanapatty, Linemedu, Salem – 636 006.

Schedule 'A'

Name of work : Renovation works to the Poompuhar Shopping Complex at Cuddalore in Cuddalore District.

- A. The Quantities given here are those upon which the lump sum tender cost of the work is based, but they are subject to alterations, omissions, deductions or additions as provided for in the conditions of this contract and do not necessarily show the actual quantities of work to be done. The Unit rates quoted excluding GST amount are those governing payments for extras or deductions or omissions according to the conditions of the contract as set forth in the General conditions of the contract of the Tamil Nadu Building practice and other conditions or specifications of this contract.
- B. It is to be expressly understood that the measured work is to be taken net (not withstanding any custom or practice to the contrary) according to the actual quantities when in place and finished according to the drawing or as may be ordered from time to time by the Chief Engineer and the cost calculated-by measurement or weight at the respective prices without any additional charge for any necessary or contingent works connected therewith. The rates quoted excluding GST amount are for works in situ and complete in every respect.
- C. Unavoidable delays may entail in rate instances, for delays beyond 3 months after execution of agreement, offer may be withdrawn/cancelled, validity shall be however optional subject to mutual consent by the contractor and TNPHC at agreed rates without extras.
- D. As a result of continuous improvements contemplated by the TNPHC in layouts/type design, substantial variations might occur in one more items. The tenderer will be expected to adopt such modifications whenever necessitated and ordered for.
- E. If rarely owing to non availability of vacant lands in the site mentioned in the notification change of site either partly or wholly is warranted, the tenderer shall accept to execute work accordingly as may be necessitated and ordered for at agreed rates or derived rates.

For MICCROTECH ENGINEERING CORPORATION

P. M. M. M.
CONTRACTOR Proprietor

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NO. OF CORRECTIONS

G. M. M.
SUPERINTENDING ENGINEER/NORTH CIRCLE

TAMILNADU POLICE HOUSING CORPORATION LIMITED

Name of work : Renovation works to the Poompuhar Shopping Complex at Cuddalore in Cuddalore District.

AGREEMENT

Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
1	1.1		Earth work excavation for foundation in all soils and sub soils to the required depth as may be directed except in hard rock requiring blasting but inclusive of shoring, strutting and bailing out water wherever necessary and refilling the sides of foundation with excavated earth in 150mm thick layers well watered rammed and consolidated and depositing the surplus earth in places shown clearing and levelling the site with an initial lead of 10 metres and lift as specified here under etc., complete in all respects complying with relevant standard specifications. (Including Refilling)	17,23 & 24			
		51.20	a) 0 to 2m depth		Rs.200.00 (Rupees Two Hundred only)	1 M ³ (One Cubic Metre)	10240.00
2	21.2		Supplying and fixing of Teak Wood wrought and put up for frames of doors, windows, ventilators, cupboard and any other similar joinery works with necessary plugs, rebates for shutters, plaster grooves on all faces etc. , including labour charges for fixing hold fasts. complying with relevant standard specifications etc.. in all respects	72 & 74			
		0.095	a. T.W. over 2m & below 3m		Rs.1,20,000.00 (Rupees One Lakh and Twenty Thousand only)	1 M ³ (One Cubic Metre)	11400.00
3		0.034	b. T.W. below 2m length.		Rs.1,10,000.00 (Rupees One Lakh and Ten Thousand only)	1 M ³ (One Cubic Metre)	3740.00

For MICCROTECH ENGINEERING CORPORATION

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NO. OF CORRECTIONS

SUPERINTENDING ENGINEER
NORTH CIRCLE

Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
4	31	2.30	Weathering course with concrete broken brick jelly 20mm gauge in pure burnt lime stone slaked and screened (No sand) over RCC roof slab with proportion of brick jelly to lime (fat lime) being 32:12 1/2 by volume well beaten with wooden beaters for giving the required slope and thickness complying with relevant standard specification and as directed by the departmental officers.	30 & 41	Rs.3,000.00 (Rupees Three Thousand only)	1 M ³ (One Cubic Metre)	6900.00
5	37.1	207.80	White Washing three coats using clean shell lime slaked including cost of lime, gum, blue, brushes, including scaffolding etc., complete in all respects.	63	Rs.35.00 (Rupees Thirty Five only)	1 M ² (One Square Metre)	7273.00
6	39	66.20	Supplying and fixing Mild Steel grills as per the design approved to verandah enclosure or gate including one coat of primer and labour for fixing in position etc., all complete		Rs.70.00 (Rupees Seventy only)	1 Kg (One Kilogram)	4634.00
7	51.2	1.00	WATER SUPPLY ARRANGEMENTS Supply and erection of Rotational Moulded Polyethylene water storage tanks (HDPE Cylindrical vertical type) for outdoor use having capacity of 1000 litres (excluding free board) of approved brand (superior variety) with ISI Mark (marked in the tank itself) with top lid with provisions of locking including necessary specials and fittings for storing potable water and manufactured with material which do not impart any taste / odour / any toxic effect and not to contaminate etc with carbon block content and dispersion in accordance with relevant I.S. specification and as directed by the departmental officers etc. complete. (The tank should be got approved from the E.E. before use)		Rs.9,500.00 (Rupees Nine Thousand and Five Hundred only)	1 No. (Each)	9500.00

For MICCROTECH ENGINEERING CORPORATION

[Signature]
CONTRACTOR

Proprietor

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SUPERINTENDING ENGINEER
/NORTH CIRCLE

SL. No.	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
8	72	13.00	ELECTRICAL ARRANGEMENTS Supply and fixing of best approved superior variety consealed type Fibre box with M.S. Fan Hook of 100mm dia, 75mm depth and 3mm thick including cost and fixing in position etc., complete and as directed by the departmental officers.(The quality should be got approved by the Executive Engineer before use).		Rs.30.00 (Rupees Thirty only)	1 No. (Each)	390.00
9	74	13.00	Charges of assembling and fixing of ceiling fan of different sweep with necessary connection and fixing of fan regulator on the existing board etc., all complete (excluding cost of fan)		Rs.200.00 (Rupees Two Hundred only)	1 No. (Each)	2600.00
10	78	1.00	Providing Earthing station using pipe electrode as per IS 3043 using 2.5m of 40mm and 1.0m of 20mm dia B-class GI pipe including earth work excavation, brick work in cement mortar and plastering and cost of funnel, GI nuts, bolts, washers, check nuts, GI bend, reducer and coupling, CI cover of 30x30cm and including charcoal of 40 kgs and salt 10 kg etc., all complete.		Rs.2,500.00 (Rupees Two Thousand and Five Hundred only)	1 No. (Each)	2500.00
11	238	6.927	Applying one coat of anticorrosive treatment on steel reinforcement rods (20 ltrs. of anticorrosive chemical for one metric tonne of steel reinforcement rods) at site including cost of required quantity of anticorrosive chemicals, (best approved quality) cement, consumables such as brushes, gloves and labour for anticorrosive coating etc. complete and as directed by the departmental Officers. (The quality and brand of anticorrosive chemical should be got approved by the EE before use).		Rs.3,500.00 (Rupees Three Thousand and Five Hundred only)	1 M.T (One Metric Tonne)	24244.50

For MICCROTECH ENGINEERING CORPORATION

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SUPERINTENDING ENGINEER
/NORTH CIRCLE

Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
12	2.1.1	51.70	ANNEXURE-I Supply and filling in foundation and basement with gravel in layers of 150mm thickness well watered, rammed and consolidated complying with relevant standard specification including cost of gravel etc., all complete and as directed by departmental officer.	24 & 25	Rs.350.00 (Rupees Three Hundred and Fifty only)	1 M ³ (One Cubic Metre)	18095.00
13	2.1.3	1.10	Supplying and filling in foundation and basement with filling crushed stone sand in layers of 150mm thickness well watered, rammed and consolidated complying with relevant standard specification including cost of supplying filling M-sand.	24 & 25	Rs.1,500.00 (Rupees One Thousand and Five Hundred only)	1 M ³ (One Cubic Metre)	1650.00
14	3.1.1	3.30	Plain Cement Concrete 1:5:10 (One of cement, five of crushed stone sand and ten of hard broken stone jelly) for foundation and Basement using 40mm gauge hard broken stone jelly inclusive of shoring, strutting and bailing out water wherever necessary ramming, curing etc., complete in all respects complying with relevant standard specifications and as directed by the departmental officers.	28	Rs.4,000.00 (Rupees Four Thousand only)	1 M ³ (One Cubic Metre)	13200.00
15	3.2.1	2.60	Plain cement concrete 1:2:4 (One of cement two of crushed stone sand and four of hard broken stone jelly) using 20mm gauge hard broken stone jelly excluding shuttering and centering but including laying, curing and finishing with relevant standard specifications in foundation and basement, and other similar works & as directed by the departmental officers.	28	Rs.5,500.00 (Rupees Five Thousand and Five Hundred only)	1 M ³ (One Cubic Metre)	14300.00

For MICCROTECH ENGINEERING CORPORATION

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SUPERINTENDING ENGINEER
/NORTH CIRCLE

Sl. No.	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
16	6.5.1	7.60	Brick work in cement mortar 1:5 (One of cement and five of crushed stone sand) with admixture using using Kiln burnt country bricks of size 8 3/4"x4 1/4"x2 3/4" (22x11x7cm) in foundation and basement including dewatering wherever necessary proper setting, curing etc., complete with relevant standard specifications.	31 & 31 - C	Rs.5,800.00 (Rupees Five Thousand and Eight Hundred only)	1 M ³ (One Cubic Metre)	44080.00
17	8.3.1.1		Providing and laying in position, Standardized Concrete Mix M-30 Grade in accordance with IS: 456-2000, using 20mm and down graded hard broken stone jelly for all RCC items of works with minimum cement content of 400 Kg/m ³ and maximum water cement ratio of 0.45, including admixtures (Plasticiser/Super Plasticiser) in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability with about (5 Cu.m) 7730 Kg. of 20mm machine crushed stone jelly and with about (3.3 Cu.m.) 5156 Kg. of 10-12mm machine crushed stone jelly and with about (4.79 Cu.m) 7670 Kg. of crushed stone sand, but excluding cost of reinforcement grill and fabricating charges, centering and shuttering and also including laying, vibrating with mechanical vibrators, finishing, curing etc., and providing fixtures like fan clamps in the RCC floor/roof slabs wherever necessary without claiming extra, etc., complete complying with standard specification and as directed by the departmental officers. The coarse and fine aggregates to be used should comply with the requirements of IS standards. (No separate payment will be made by the Department for the excess usage of materials)				
		8.70	a) In Foundation and Basement		Rs.7,500.00 (Rupees Seven Thousand and Five Hundred only)	1 M ³ (One Cubic Metre)	65250.00

For MICROTECH ENGINEERING CORPORATION

CONTRACTOR

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SUPERINTENDING ENGINEER
NORTH CIRCLE

Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
18		12.70	b) In Ground Floor		Rs.7,750.00 (Rupees Seven Thousand Seven Hundred and Fifty only)	1 M ³ (One Cubic Metre)	98425.00
19		19.40	c) In First Floor		Rs.7,900.00 (Rupees Seven Thousand and Nine Hundred only)	1 M ³ (One Cubic Metre)	153260.00
20		13.10	d) In Second Floor		Rs.8,000.00 (Rupees Eight Thousand only)	1 M ³ (One Cubic Metre)	104800.00
21	9.5.1		Brick work in Cement Mortar 1:6 (One of cement and six of crushed stone sand) with admixture using Kiln burnt country bricks of size 8 ³ / ₄ "x4 ¹ / ₄ "x2 ³ / ₄ " (22x11x7cm) for super structure in the following floors including labour for fixing the doors, windows and ventilator frames in position, fixing of hold fasts, scaffoldings, curing etc., complete in all respect complying with relevant standard specifications.	31 & 31-c			
		14.60	a) In Ground Floor		Rs.5,750.00 (Rupees Five Thousand Seven Hundred and Fifty only)	1 M ³ (One Cubic Metre)	83950.00
22		23.60	b) In First Floor		Rs.5,800.00 (Rupees Five Thousand and Eight Hundred only)	1 M ³ (One Cubic Metre)	136880.00
23		19.20	c) In Second Floor		Rs.5,800.00 (Rupees Five Thousand and Eight Hundred only)	1 M ³ (One Cubic Metre)	111360.00

For MILECOTECH ENGINEERING CORPORATION

H. M. M. M.
CONTRACTOR

Proprietor

E. M. M. M.
NO. OF CORRECTIONS

S. M. M. M.
SUPERINTENDING ENGINEER
/NORTH CIRCLE

Sl. No.	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
24	10.5.1		Brick partition wall in Cement Mortar 1:4 (One of cement and four of crushed stone sand) 110 mm thick with admixture for super structure in the following floors using using Kiln burnt country bricks of size 8 $\frac{3}{4}$ "x4 $\frac{1}{4}$ "x2 $\frac{3}{4}$ " (22x11x7cm) including labour for fixing the doors, windows and ventilator frames in position, fixing of hold fasts, scaffoldings, curing etc., complete in all respect complying with relevant standard specifications.	31 & 31-C			
		25.80	b) In Ground Floor		Rs.700.00 (Rupees Seven Hundred only)	1 M ² (One Square Metre)	18060.00
25		35.40	c) In First Floor		Rs.725.00 (Rupees Seven Hundred and Twenty Five only)	1 M ² (One Square Metre)	25665.00
26		26.80	d) In Second Floor		Rs.725.00 (Rupees Seven Hundred and Twenty Five only)	1 M ² (One Square Metre)	19430.00
27	18.1		Providing Form work and centering for reinforced cement concrete works including supports and strutting up to 3.30m height for plane surfaces as detailed below with all cross bracings using mild steel sheets of size 90cmx60cm and MS 10 gauge stiffened with welded mild steel angles of size 25mmx25mmx3mm for boarding laid over silver oak or country wood joists of size 10cmx6.5cm spaced at about 90cm centre to centre supported by caurina props 10cm to 13cm dia spaced at 75cm intervals and removing the same after a specified period without damaging the RCC works etc., complete complying with standard specifications and as directed by the departmental officers.				

For MICCROTECH ENGINEERING CORPORATION

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SUPERINTENDING ENGINEER
/NORTH CIRCLE

Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
		42.10	a) For Column footings, plinth beam, Grade beam, Raft beam, Raft slab etc.,		Rs.550.00 (Rupees Five Hundred and Fifty only)	1 M ² (One Square Metre)	23155.00
28		266.70	b) Plain surfaces such as Roof slab, floorslab, Beams, lintels, lofts, sillslab, staircase waist, portico slab and other similar works		Rs.650.00 (Rupees Six Hundred and Fifty only)	1 M ² (One Square Metre)	173355.00
29		110.40	c) For Square and rectangular columns and small quantities such as sunshade, parapet cum drops window boxing, fin projection and other similar works.		Rs.800.00 (Rupees Eight Hundred only)	1 M ² (One Square Metre)	88320.00
30	21.5.2	4.80	Providing and fixing factory made unplasticized polyvinyl chloride (UPVC) Door Frame of size 50X47mm with a wall thickness of 5mm, made out extruded 5mm rigid UPVC foam sheet, mitred at two corners and joined with 2nos of 150mm long brackets of 15X15mm M.S square tube. The two vertical and horizontal door profiles are to be reinforced with 19X19mm M.S Square tube of 19-gauge with primer coat. The door frame shall be fixed to the wall using 65/100mm long M.S screw through the frame by using PVC fasteners. A minimum of 4nos screws to be provided for each vertical member & minimum 2nos for horizontal member etc., and providing and fixing of 30mm thick factory made door shutter with unplasticized polyvinyl chloride		Rs.3,000.00 (Rupees Three Thousand only)	1 M ² (One Square Metre)	14400.00

For MICROTECH ENGINEERING CORPORATION

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Sl. No.	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
			(UPVC) solid panel foam sheet, structured with M.S tubes of 19 gauge thickness and size 19mmX19mm for styles & 15mmX15mm for top & bottom rail. Panelling of 5mm thick UPVC ONE SIDE PRINTED LAMINATION single sheet to be fitted in the M.S frame welded / sealed to the styles & rails covered with 5mm thick heat moulded UPVC "C" channel of 30mm x 50mm and 5mm thick 75mm wide UPVC sheet for top rail, lock rail and bottom rail on either side and 10mm (5mm x 2 Nos) thick, 20mm wide cross UPVC sheet as gap insert for top rail and bottom rail, and joined together with PVC solvent cement adhesive,. An additional 5mm thick UPVC strip of 20mm width is to be stuck on the interior side of the "C" channel using PVC solvent cement adhesive. The cost and labour charges for fixing of 3 Nos. of 4" SS butt hinges and aluminium furniture fitting such as, 1 No. 4" Tower bolt, 1 No. 5" Aldrop, 2 Nos. 6" flat "D" type handle, etc are included. The fitting provided shall bear ISI marks. To ensure the Genuinity of product, the door set should have 4 numbers of manufacturer's logo hologram of approved brand, each, at Frame, Style, Rail and inner Panel. (The quality and brand of door shutter and furniture fittings should be got approved by the Executive Engineer before use on works)				
31	26.1	6.80	Flooring with a bed Cement concrete 1:5:10 (one of cement, five of crushed stone sand and ten of hard broken stone jelly) using 40mm size hard broken stone jelly and top left rough to receive the floor finish with required slopes including ramming, curing etc., all complete complying with relevant standard specifications.	28&3 9 - H	Rs.4,000.00 (Rupees Four Thousand only)	1 M ³ (One Cubic Metre)	27200.00

For MICROTECH ENGINEERING CORPORATION

CONTRACTOR

Proprietor

NO. OF CORRECTIONS

SUPERINTENDING ENGINEER
NORTH CIRCLE

Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
32	29.8.1	29.50	Supplying and fixing of colour glazed tiles (best approved quality and the same shall be got approved from the Executive Engineer before using) over cement plastering in CM 1:2 (one of cement and two of crushed stone sand) 10mm thick including fixing in position, cutting the tiles to the required size wherever necessary, pointing the joints with Grout (Tile joint filler), curing, finishing etc., all complete and as directed by the departmental officers.		Rs.1,000.00 (Rupees One Thousand only)	1 M ² (One Square Metre)	29500.00
33	29.9.1	8.00	Supplying and fixing of colour Ceramic Tiles (Anti skid) without corrugated design for flooring and other similar works (Best approved quality, colour and shade shall be got approved from the Executive Engineer before using) over cement mortar 1:3 (One of cement and three of crushed stone sand) 20mm thick including fixing in position, cutting the tiles to the required size wherever necessary, pointing the joints with Grout (Tile joint filler), curing, finishing etc., all complete and as directed by the departmental officers.		Rs.1,000.00 (Rupees One Thousand only)	1 M ² (One Square Metre)	8000.00
34	32.1.1	75.50	Finishing top of roof with one course of Hydraulic Pressed tiles of approved superior quality of size 23cmx23cmx20mm thick laid over weathering course in cm 1:3 (One of cement and three of crushed stone sand) 12mm thick mixed with water proofing compound at 2% by weight of cement used and pointed neatly with the same cement mortar mixed with water proofing compound including curing etc., as per standard specifications. (The quality of tiles shall be got approved from the EE before use).		Rs.950.00 (Rupees Nine Hundred and Fifty only)	1 M ² (One Square Metre)	71725.00

For MICROTECH ENGINEERING CORPORATION

 CONTRACTOR
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 NO. OF CORRECTIONS


 SUPERINTENDING ENGINEER
 /NORTH CIRCLE

SL No.	Item No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
35	33.1	715.50	Plastering with CM 1:5 (One of cement and five of crushed stone sand) 12mm thick finished with neat cement including plasticizer, providing band cornice, ceiling cornice, curing scaffolding etc., complete in all respects and complying with relevant standard specifications.	56 & 57	Rs.210.00 (Rupees Two Hundred and Ten only)	1 M ² (One Square Metre)	150255.00
36	35.1.2	207.80	Special Ceiling plastering in cement mortar 1:3 (one of cement and three of crushed stone sand) 10mm thick including super plasticizer for bottom of roof, stair, waist, landing and sunshades in all floors finished with neat cement including hacking the areas providing band cornice, scaffolding, curing etc., all complete.	56 & 57	Rs.230.00 (Rupees Two Hundred and Thirty only)	1 M ² (One Square Metre)	47794.00
37	36.1		Plastering in CM 1:5 (One of cement and five of crushed stone sand) 12mm thick border finish in all floors for elevation purposes, including scaffolding, curing, finishing etc., all complete.	56 & 57			
		45.80	a) 150mm wide Border		Rs.70.00 (Rupees Seventy only)	1 Rmt (One Running Metre)	3206.00
38		59.60	b) 75mm wide Border		Rs.45.00 (Rupees Forty Five only)	1 Rmt (One Running Metre)	2682.00
39		45.80	c) 50mm wide Border		Rs.30.00 (Rupees Thirty only)	1 Rmt (One Running Metre)	1374.00

Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
40	38.6	478.30	Painting Primer coat using approved quality of white cement over the cement plastered / concrete wall surfaces, ceiling or other similar works including cost of cement paints, putty, brushers, watering, curing etc., all complete and as directed by the departmental officers. (Paints and its shade shall be got approved from the Executive Engineer before using)		Rs.50.00 (Rupees Fifty only)	1 M ² (One Square Metre)	23915.00
41	38.7	237.30	Painting two coats with ready mixed PLASTIC EMULSION PAINT of first class quality paint of approved colour and shade including priming coat on cement plastered / concrete wall surfaces or other similar works, including cost of necessary brushes, labour charges, patty etc., complying with relevant standard specification. The paint should be supplied by the contractors at his own cost. (The quality and shade of the paint should be got approved by the Executive engineer before use.)		Rs.190.00 (Rupees One Hundred and Ninety only)	1 M ² (One Square Metre)	45087.00
42	43.1.1	6.927	Supplying, fabricating and placing in position of Mild steel Grills/Ribbed Tor Steels (without cement slurry) for reinforcement for all floors including cost of PVC binding wire , bending, tying etc., all complete and as directed by the departmental officers for all sizes.		Rs.85,000.00 (Rupees Eighty Five Thousand only)	1 M.T (One Metric Tonne)	588795.00
43	44.6.1	15.00	Supplying and fixing of 110mm dia PVC SWR pipe with ISI mark confirming to IS 13952:1992 Type 'A' for Rainwater Down fall pipe with relevant specials such as gratings, shoes, bends, offsets confirming to IS 14735 including jointing with seal ring confirming to IS 5382 with leaving a gap about 10mm to allow thermal expansion with necessary UPVC clamps , teak wood plugs etc., of approved quality and including fixing CI gratings at the junction of parapet and floor or roof slab etc., including finishing etc., complete complying with relevant standard specifications.		Rs.300.00 (Rupees Three Hundred only)	1 RMT (One Running Metre)	4500.00

for MICROTECH ENGINEERING CORPORATION

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SUPERINTENDING ENGINEER
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SL. No.	Item. No.	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
44	52.1.1		WATER SUPPLY ARRANGEMENTS Supplying, laying, fixing and jointing the following PVC pipes as per ASTM-D-1785 of schedule 40 of wall thickness not less than specified in IS 4985 suitable for plumbing by threading of wall thickness including the cost of suitable UPVC/GI specials/GM specials like elbow, Tee, reducers, plug, union, bend, coupler, nipple/GM gate valve check and wheel valve etc., wherever required above the ground level including the cost of teflon tape, special clamps, nails, etc., fixing on wall to the proper gradient and alignment and redoing the chipped of masonry etc., as directed by the departmental officers.				
		18.00	a) 32mm ASTM-D schedule 40 threaded PVC pipe with necessary UPVC/GI specials		Rs.225.00 (Rupees Two Hundred and Twenty Five only)	1 Rmt (One Running Metre)	4050.00
45		30.00	b) 25mm ASTM-D schedule 40 threaded PVC pipe with necessary UPVC/GI specials		Rs.200.00 (Rupees Two Hundred only)	1 Rmt (One Running Metre)	6000.00
46	52.4.1		Supplying, laying, fixing and jointing the following PVC pipes as per ASTM D-1785 of schedule 40 of wall thickness not less than the specified in IS 4985 suitable for plumbing by threading of wall thickness including the cost of suitable UPVC/GI specials/GM specials like elbow, Tee, reducers, plug, union, bends, coupler, nipple/GM gate valve check and wheel valve etc., wherever required above the ground level including the cost of teflon tap etc., fully concealed in walls to the proper gradient and alignment and redoing the chipper portion of masonry etc., all complete and as directed by the departmental officers.				

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SUPERINTENDING ENGINEER
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Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
		12.00	b) 20mm ASTM-D schedule 40 threaded PVC pipe with necessary UPVC/GI specials		Rs.175.00 (Rupees One Hundred and Seventy Five only)	1 RMT (One Running Metre)	2100.00
47	54.1.1	3.00	Supplying and fixing of half turn C.P Long body Tap of 15mm dia of Best quality including cost of half turn CP tap with required specials and labour for fixing etc, all complete and as directed by the departmental officers., (The quality and brand should be got approved from Executive Engineer before use).		Rs.425.00 (Rupees Four Hundred and Twenty Five only)	1 No. (Each)	1275.00
48	54.2.1	6.00	Supplying and fixing of half turn C.P Short body Tap of 15mm dia of best quality including cost of half turn CP tap with required specials, and labour for fixing etc, all complete and as directed by the departmental officers., (The quality and brand should be got approved from Executive Engineer before use).		Rs.390.00 (Rupees Three Hundred and Ninety only)	1 No. (Each)	2340.00
49	56.3.1	1.00	Supplying and fixing of Indian Water Closet white glazed (oriya type) of size 580mmx440mm of approved make with ISI mark (to be got approved from EE before use) with PVC SWR grade 'P' or 'S' trap confirming to IS 2556 part 12, including concrete packing filling portion with earth, flooring the area with 75mm thick brick jelly concrete in CC 1:8:16 (One of cement, eight of crushed stone sand and sixteen of brick jelly) using 40mm size brick jelly and top left rough to receive the floor plastering but including antisiphonage connection, curing etc., all complete and as directed by the departmental officers. (In Ground Floor)		Rs.3,000.00 (Rupees Three Thousand only)	1 No. (Each)	3000.00

TECH ENGINEERING CORPORATION

 CONTRACTOR Proprietor


 NO. OF CORRECTIONS


 SUPERINTENDING ENGINEER
 /NORTH CIRCLE

SL No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
50	56.4.1	2.00	Supplying and fixing of Indian Water Closet white glazed (oriya type) of size 580 mm X 440 mm of approved make with ISI mark (to be got approved from EE before use) with PVC SWR grade P or S trap confirming to IS 2556 part 12., including concrete filling the sunk portion with brick jelly lime concrete proportion of brick jelly to lime being 32:12½ by volume (32 cft of 20mm gauge brick jelly and 12 ½ cft of slaked lime) (No sand) and top 75mm thick brick jelly concrete in CC 1:8:16 (one of cement, eight of M sand and sixteen of broken brick jelly) using 40mm size brick jelly including plastering the sides of sunk portion in Cm 1:3 (one of cement and three of crushed stone sand) 12mm thick mixed with water proofing compound at 2Kg / m² and top left rough to receive the floor plastering but including antisiphonage connection, one coat of bitumen for the sides , bottom and curing etc., complete in all floors. (Other than Ground Floor)		Rs.4,000.00 (Rupees Four Thousand only)	1 No. (Each)	8000.00
51	58.3		Supplying and fixing the following dia PVC (SWR) pipe with ISI mark confirming to IS 13952:1992 type 'B' for soil line with relevant jointing with seal ring confirming to IS 5382 with leaving a gap about 10mm to allow thermal expansion, fixing the pipes into walls with necessary wooden plug, screws, holding wherever necessary and making good of the dismantled portions with necessary connections to sanitary fittings etc., complete in all respects and as directed by the departmental officers.				
		12.00	a) 110mm dia PVC SWR pipe including all required PVC specials etc., all complete		Rs.450.00 (Rupees Four Hundred and Fifty only)	1 RMT (One Running Metre)	5400.00

For MICROTCH ENGINEERING CORPORATION

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SUPERINTENDING ENGINEER
/NORTH CIRCLE

Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
52		12.00	b) 75mm dia PVC SWR pipe including all required PVC specials etc., all complete		Rs.400.00 (Rupees Four Hundred only)	1 RMT (One Running Metre)	4800.00
53	60.1	6.00	Supplying and fixing of PVC Nahani Trap not less than 75mm 4 way/ 2 way (superior variety) having minimum of water seal of 50mm confirm to relevant IS specifications with its latest amendments including resting on the bed of brick jelly concrete 1:5:10 (one of cement, five of crushed stone sand and ten of 40mm gauge brick jelly) etc., complete as directed by the departmental officers. (The PVC Nahani Trap should be got approved from the EE before use)	102	Rs.125.00 (Rupees One Hundred and Twenty Five only)	1 No. (Each)	750.00
54	61.3		Supplying, laying and jointing the following dia UPVC Non Pressure pipes of SN8 SDR 34 (S 16.5) as per IS 15328/2003, Superior variety and tested with water, including necessary earth work excavation for trenches and refilling the same, well rammed and consolidated after the pipes are jointed and laid to the alignment as directed by the departmental officers. (SN8 SDR 34(S 16.5), as per IS 15328/2003, should be got approved by the EE/SE/CE before use in works).				
		22.50	a) 110mm UPVC Non Pressure pipe		Rs.400.00 (Rupees Four Hundred only)	1 RMT (One Running Metre)	9000.00

For MICCROTECH ENGINEERING CORPORATION

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SUPERINTENDING ENGINEER
/NORTH CIRCLE

Sl. No.	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
55	64.1.1		Wiring with 1.5 sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable with continuous earth by means of 1.5 Sqmm Copper insulated unsheathed single 1.1 KV grade cable in fully concealed PVC rigid conduit pipe heavy duty with ISI with suitable size PVC Box (Fire retardant box) of required thickness concealed and covered with 3mm thick laminated hylem sheet controlled by 5 amps flush type switch including circuit mains cost of all materials, specials etc., all complete.				
		24.00	a) Light Point with Ceiling rose		Rs.1,000.00 (Rupees One Thousand only)	1 No. (Each)	24000.00
56		30.00	b) Light Point without ceiling rose		Rs.1,000.00 (Rupees One Thousand only)	1 No. (Each)	30000.00
57	65.1.1	13.00	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming to ISI 694/1990, 1.1 KV grade cable with continuous earth by means of 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming to IS:694/1990, 1.1 KV grade cable in fully concealed PVC rigid conduit pipe heavy dut with ISI mark with suitable of PVC Box (Fire retardant box) for Fan Point controlled by 5 amps flush type switch including circuit mains cost of all materials, specials etc., all complete		Rs.1,000.00 (Rupees One Thousand only)	1 No. (Each)	13000.00

For MICROTECH ENGINEERING CORPORATION

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 SUPERINTENDING ENGINEER
 /NORTH CIRCLE

Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
58	67.1.1	8.00	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming to ISI 694/1990, 1.1 KV grade cable with continuous earth by means of 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming to IS:694/1990, 1.1 KV grade cable in fully concealed PVC rigid conduit pipe heavy duty with ISI mark with suitable size PVC Box (Fire retardant box) for 5 amps 5 pin plug socket point at switch board itself including circuit mains cost of all materials, specials etc., all complete.		Rs.500.00 (Rupees Five Hundred only)	1 No. (Each)	4000.00
59	68.2.1	10.00	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming to ISI 694/1990, 1.1 KV grade cable with continuous earth by means of 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming to IS:694/1990, 1.1 KV grade cable in fully concealed PVC rigid conduit pipe heavy duty with ISI mark with suitable size PVC Box (Fire retardant box) for 5 amps 5 pin plug socket point at convenient places including circuit mains cost of all materials, specials etc., all complete		Rs.800.00 (Rupees Eight Hundred only)	1 No. (Each)	8000.00
60	75.1.2	13.00	Supply and delivery of following Electric Ceiling fan with ISI mark with blades and double ball bearing, capacitor, etc., complete with 300mm down rod, canopies, capacitor, shackle blades with electronic dimmer regulator suitable for operation on 230 volts 50 HTZ single phase AC supply conforming to ISS No.374/79 and provided with insulation. (The brand should be got approved from the Executive Engineer before supply made). a) 48" Electric Fan 1200mm sweep		Rs.1,450.00 (Rupees One Thousand Four Hundred and Fifty only)	1 No. (Each)	18850.00

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SUPERINTENDING ENGINEER
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Sl. No.	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
61	77.2.1	6.00	Supplying and fixing of 20 Amps DP Plug & socket in sheet enclosure with 32 A DP MCB in flush wall with earth connection (For AC Plug) Legrand (MDS) / Hanger (L & T) equivalent / superior variety including cost of material and labour charges for wall cutting, grouting, flushing and making the surface good including earth connections etc. all complete and as directed by the departmental officer.		Rs.1,250.00 (Rupees One Thousand Two Hundred and Fifty only)	1 No. (Each)	7500.00
62	77.5	24.00	Run off main with 2 wires of 1.5 Sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark conforming to IS: 694/1990, 1.1 KV grade cable with continuous earth by means of 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark conforming to IS: 694/1990, 1.1 KV grade cable in fully concealed 19/20mm dia rigid PVC conduit pipe with ISI mark etc. including cost of all materials, specials etc. all complete and as directed by the departmental officers.		Rs.125.00 (Rupees One Hundred and Twenty Five only)	1 RMT (One Running Metre)	3000.00
63	77.6	85.00	Run off main with 2 wires of 4 Sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark conforming to IS: 694/1990, 1.1 KV grade cable with continuous earth by means of 2.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark conforming to IS: 694/1990, 1.1 KV grade cable in fully concealed 19/20mm dia rigid PVC conduit pipe with ISI mark etc. including cost of all materials, specials etc. all complete and as directed by the departmental officers.		Rs.180.00 (Rupees One Hundred and Eighty only)	1 RMT (One Running Metre)	15300.00

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Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
64	77.7	60.00	Run off main with 2 wires of 2.5 Sq.mm. PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark conforming to IS: 694/1990, 1.1 KV grade cable with continuous earth by means of 1.5 sq.mm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark conforming to IS: 694/1990, 1.1. KV grade cable in fully concealed 19mm/20mm dia rigid PVC conduit pipe heavy duty with ISI mark cost of all materials, specials etc., all complete		Rs.150.00 (Rupees One Hundred and Fifty only)	1 RMT (One Running Metre)	9000.00
65	85.1	7.00	Supply and fixing of 40mm DIA GI pipe B class for EB service connection (Three Phase) for passing through from top of house to the EB board all complete and as directed by the departmental officers.		Rs.150.00 (Rupees One Hundred and Fifty only)	1 RMT (One Running Metre)	1050.00
66	98.3.1		Supplying and fixing of best Indian teak wood paneled door shutters single leaf in position using 125mm x 37.5mm styles and 4 Nos. of 150x37.50 mm rails (Top, Middle, Bottom and lock rail) 2 Nos. of 125 mm x 37.50 mm vertical shorter styles and 18.75mm thick planks for panels including cost and labour for fixing the furniture fittings such as 1 No. of 6" brass door handle, 3 Nos. of 5" brass butt hinges, 2 Nos. of 6" x 1/2" brass tower bolt, 1 No. of 10" x 5/8" Aldrop, 1 No. of Nylon bush, 1 No. of door stopper with brass screws, of best approved quality and shade etc., all complete and as directed by the departmental officers.				
		5.00	d) Door size 900mmx2100mm (Single Leaf) with brass fittings		Rs.5,000.00 (Rupees Five Thousand only)	1 M ² (One Square Metre)	25000.00

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SUPERINTENDING ENGINEER
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Sl. No.	Item. No.	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
67	105.1	14.50	Run off 4 wires of 4 Sq.mm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark conforming to IS: 694/1990. with one run of 7/20GI stay wire suspended with porcelain reel insulators at 1.0m centre to centre for support of phase and neutral cable from top of street pole to the house/flats including all materials etc., all complete for EB service connections including labour charges for fixing GI wire and MS Angles (for EB service connection three phase)		Rs.200.00 (Rupees Two Hundred only)	1 RMT (One Running Metre)	2900.00
68	112.1	2.00	Supplying and fixing of 225 mm dia sweep AC exhaust fan of approved ISI Quality including necessary wall opening, fixing and finishing the wall opening and making good including cost of materials, labour for fixing, chipping and redoing necessary inter connection, scaffolding, hire charges for tools and plants etc., all complete and as directed by the departmental Officers.		Rs.1,800.00 (Rupees One Thousand and Eight Hundred only)	1 No. (Each)	3600.00
69	212	9.22	Dismantling the existing damaged Plain Cement Concrete with out affecting the adjacent structures, including the hire charges of tools and plants, and scaffolding if necessary, and clearing the dismantled materials away from the site etc., all complete and as directed by the departmental officers.		Rs.350.00 (Rupees Three Hundred and Fifty only)	1 M ³ (One Cubic Metre)	3227.00
70	214		Dismantling the damaged brick works of lime mortar in all floors without affecting the adjacent structures including the cost of required tools and plants and scaffolding, if necessary and clearing the debris away from the site etc., all complete and as directed by the departmental officers for the following heights.				

For MICROTCH ENGINEERING CORPORATION

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Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
		33.41	a) Upto 3.00m height		Rs.175.00 (Rupees One Hundred and Seventy Five only)	1 M ³ (One Cubic Metre)	5846.75
71		11.67	b) Above 3.00m height		Rs.200.00 (Rupees Two Hundred only)	1 M ³ (One Cubic Metre)	2334.00
72	222	12.49	Removing the damaged broken doors / windows / ventilators including removal of frames, hinges, fastenings and shutters from the existing structure and stacking the same carefully for reuse if any in the departmental stores at site of work and as directed by the departmental officers etc., all complete (including removing the furniture fittings such as hinges, hookes and eyes etc..)		Rs.100.00 (Rupees One Hundred only)	1 M ² (One Square Metre)	1249.00
73	224	1.77	Dismantling the existing damaged R.C.C with out affecting the adjacent structures, including the hire charges of tools and plants, and scaffolding if necessary, and clearing the dismantled materials away from the site etc., all complete and as directed by the departmental officers.		Rs.5,000.00 (Rupees Five Thousand only)	1 M ³ (One Cubic Metre)	8850.00
74	361.1	28.30	Supply and laying concrete designer tiles superior variety for flooring in CM 1:3 (One of Cement and three of Crused stone sand) 20mm thick, including fixing in position, cutting the tiles to the required size wherever necessary, pointing the joints with colour cement, finishing, curing etc complete and as directed by the departmental officers.		Rs.1,100.00 (Rupees One Thousand and One Hundred only)	1 M ² (One Square Metre)	31130.00

For **MICROTECH ENGINEERING CORPORATION**

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 SUPERINTENDING ENGINEER
 /NORTH CIRCLE

Sl. No.	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
75	361.5.1	179.90	Supplying and fixing of Ivory colour Vitrified Tiles of size 59.5cmx59.5cmx10mm for flooring and other similar works in cement mortar 1:3 (one of cement and three of crushed stone sand) 20mm thick including fixing in position, cutting the tiles to the required size wherever necessary pointing the joints with grout (Tile joint filler), curing, finishing etc., all complete and as directed by the departmental officers. (The brand quality of tiles should be got approved from EE before use)		Rs.1,000.00 (Rupees One Thousand only)	1 M ² (One Square Metre)	179900.00
76	367	12.80	Providing wooden (Melamine Door) Polish for new wood by removing by blade scrapping the existing dirt from the wooden surface using sand paper with M50 and repeat M80 paper to get a smooth surface leaves atleast 4hrs drying sand paper and prepare surface by M100 and clear the surface apply one coat of touch wood stainer by brush and leaves for two hrs. for drying prepare the surface by M100 sand paper and apply one coat of ash sanding sealer mixed with approved quality thinner after drying apply one coat of sanding sealer and attend the surface to get thoroughly dried smoother surface with no.220 water emery wood cleaner fill the holes and dots by putty and packing to get the surface clean apply surface by wax emery no.220 apply first coat of melamine sealer with the thinner for preparing the surface and apply second coat of the same by dry after drying preparing the surface with water emery no.330 and apply two coats of melamine matt mixed with glazing and thinner 106 prepar the surface water no.320 and apply two coats of same and finally smoother etc., all complete including cost of all materials and labour etc., and as directed by the departmental officers (The quality and shade of the polish should be got approved from the EE before use).		Rs.1,000.00 (Rupees One Thousand only)	1 M ² (One Square Metre)	12800.00

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SL No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
77	799	478.30	Painting the new walls with TWO COATS OF OIL BOUND DISTEMPER over the primer coat of white cement of approved brand over cement plastered wall surfaces including cost of paints, putty, brushes, watering, curing, etc., all complete as directed by the departmental officers (paints and its shade shall be got approved from the Executive Engineer before use).		Rs.100.00 (Rupees One Hundred only)	1 M ² (One Square Metre)	47830.00
78	828.1	5.00	Hard core layer of 300mm consolidated thickness (10sqm x 0.30m = 3.0 Cum) using 80-63mm metal 60%, 40 to 10mm metal 40%, crushed stone sand for filling the voids at 20% including cost of material conveyance for site work and labour for laying, vibrating, watering and consolidated by power roller etc, all complete in all respect complying with relevant standard specification and as directed by the departmental officer.		Rs.3,000.00 (Rupees Three Thousand only)	1 M ³ (One Cubic Metre)	15000.00
79	A1		ANNEXURE - II Supplying & fixing of LED bulbs suitable for fixing it to pendent / bakelite battern holder of best approved variety etc., all complete and as directed by the departmental officers				
		12.00	a) 9 watts LED bulb		Rs.90.00 (Rupees Ninety only)	1 No. (Each)	1080.00
80		4.00	b) 12 watts LED bulb for bulk head fittings		Rs.125.00 (Rupees One Hundred and Twenty Five only)	1 No. (Each)	500.00

Sl. T	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
81	A2	18.00	Supply, assembling and fixing of 18 watts LED tube light with fitting of four feet long and fixing the tube light fitting on teak wood round blocks of 75mm dia 40mm deep suspended from ceiling or mounted on the wall including cost of all materials and labour for fixing in position and as directed by the departmental officers. (The entire fittings should be got approved from the Executive Engineer before use)		Rs.450.00 (Rupees Four Hundred and Fifty only)	1 No. (Each)	8100.00
82	A3	4.00	Supplying and fixing of water tight bulk head fitting with guard suitable for 12W LED lamp including necessary connections, cost of materials etc., all complete and as directed by the departmental officers (The quality of the bulk head fittings should be got approved from the Executive Engineer before use)		Rs.450.00 (Rupees Four Hundred and Fifty only)	1 No. (Each)	1800.00
83	A4	478.30	Supplying and applying wall putty one coat with approved make wall putty for smooth finishing the new cement plastered walls including cost of patty, brushes, watering, curing, labour charges for applying putty, blade etc., all complete and as directed by the departmental officers. (The quality and brand should be got approved from the EE before use.)		Rs.75.00 (Rupees Seventy Five only)	1 M ² (One Square Metre)	35872.50
84	A5	18.20	Manufacturing, Supplying and Fixing of Stainless Steel Hand rails for staircase near wet riser using 50mm dia 304L Grade Stainless Steel pipe of 1.60mm thick will be provided with tubular supports made of 304L Grade Stainless Steel pipe of 25mm dia of 1.60mm thick welded to the railing. The supports will be grouted into the wall and provided with 93.00mm thick Stainless Steel circular base plate of 304 Grade. The rate shall included for grouting into concrete with necessary supporting arrangements the hand rail in floor polishing buffing, bonding, cutting, grinding, conveyance, welding charges, electrical charges etc., all complete and as directed by the departmental officers.		Rs.1,600.00 (Rupees One Thousand and Six Hundred only)	1 RMT (One Running Metre)	29120.00

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Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
85	A6	3.00	Supplying and fixing of Hydraulic Door Closer of various sizes of approved quality using Aluminium Extruded Section Body Tubular Type Universal Hydraulic Door Closer with Double Speed Adjustment like HARDWYN (make) 'GAZEL' (or) Equivalent (with ISI Monogram) including cost of labour charges for fixing in position etc., all complete and as directed by the departmental officers.		Rs.900.00 (Rupees Nine Hundred only)	1 No. (Each)	2700.00
86	A7	2.00	Supplying and fixing of 6 way Three Phase Distribution Box 63A/way with fuse & netural link, 3 Nos. of 63A phase selector switch with indicator, 2 Nos. of 16A, 10KA MCB, 2 Nos. of 10A, 10KA MCB and 4 Nos. of 6A, 10KA MCB and 4 Nos. of 4 pole 40Amps 30MA ELCB including cost of all materials and labour charges for all connections and fixing in position of wall making good of the concealed portion ith necessary earth connection etc., all complete and as directed by the departmental officers.		Rs.11,000.00 (Rupees Eleven Thousand only)	1 No. (Each)	22000.00
87	A8	4.00	Supplying and fixing 6A to 32A, 10KA single pole miniature circuit breaker (MCB) higher end, 40 V / 415V 50HZ - AC for outgoing breaker with ISI marked. The MCB will be fixed on the existing distribution box including labour charges for all inter connection etc., all complete and as directed by the departmental officers.		Rs.150.00 (Rupees One Hundred and Fifty only)	1 No. (Each)	600.00
88	A9	1.00	Supply & erection of EB Metering panel board for 1 No of Metering Chamber of size Length: 900 mm Height: 600 mm Depth: 300 mm with Bus Bar chamber made up of 16 Gauge CRCA sheet fully powder coated for single phase 2 wire system with 25mm x 3mm copper bar for phase and neutral of the panel board. Suitable PVC color sleeves for bus bar, 63A FP MCB-2Nos, 63A fuse carrier - 6Nos, 6Sqmm wire for inter connection for meter to fuse and MCB for Three Phase etc., all complete and as directed by the departmental officers.		Rs.12,500.00 (Rupees Twelve Thousand and Five Hundred only)	1 No. (Each)	12500.00

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Sl. No.	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
89	A10	20.00	Drilling of borewells of size 4" to 5" dia. in Sedimentary formation using hand boresets including insertion of casing pipes and removal of casing pipes etc., including supplying and packing of pebbles and conveyance of hand Boreset including loading and unloading etc., all complete and as directed by the departmental officers.		Rs.800.00 (Rupees Eight Hundred only)	1 RMT (One Running Metre)	16000.00
90	A11	1.00	Supply and delivery of 2.00 HP submersible pumpset (Single phase). The motor should be confirming to relevant IS specification with ISI mark suitable for the following requirements. The brand name of the pump and motor HP rating should be specified. Total Head : 23.00m Suction : 40mm Delivery : 40mm Discharge : 50x60 lpm		Rs.20,000.00 (Rupees Twenty Thousand only)	1 No. (Each)	20000.00
91	A12	14.00	Supplying and fixing of 110 mm dia unplasticised special blue plain PVC heavy duty casing Pipe as per IS wire screwed and socket end to suit deep borewells of approved quality including conveyance charges etc., complete and as directed by the departmental officers.		Rs.350.00 (Rupees Three Hundred and Fifty only)	1 RMT (One Running Metre)	4900.00
92	A13	6.00	Supplying and fixing of 110 mm dia unplasticised special blue slotted plain PVC heavy duty casing Pipe as per IS wire screwed and socket end to suit deep borewells of approved quality including conveyance charges etc., complete and as directed by the departmental officers.		Rs.400.00 (Rupees Four Hundred only)	1 RMT (One Running Metre)	2400.00
93	A14	21.00	Supplying and laying of 32 mm dia UPVC Column pipe approved quality with ISI mark including cost of all material etc, completed and as directed by the departmental officers.		Rs.110.00 (Rupees One Hundred and Ten only)	1 RMT (One Running Metre)	2310.00

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Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
94	A15	1.00	Labour charges for the erection of submersible pumpset in borewell/openwell including fixing and jointing submersible cable with proper clamps upto the starter to required depth and also fixing of riser pipes to the required depth valves erection clamps, pressure gauges upto the exterior wall of pump room and erection of panel board consisting of TPICN switches starter, Voltmeter, Ammeter, three pilot (indicating) lamps capacitor single phasing preventor, water level guard and laying and jointing the cables and twin earthing as per IE rules etc., complete and testing the pumpset and trail run for 10 days. Upto 5 HP		Rs.7,000.00 (Rupees Seven Thousand only)	1 No. (Each)	7000.00
95	A16	1.00	SINGLE PHASE PANEL BOARD WITH TWO LEVEL GUARD AND AUTO START Supply and delivery of direct online starter conforming to IS13947, IEC60947-1 and as amended thereafter with suitable KW rating for operation in AC/single Phase/50HZ($\pm 5\%$) and 230 V($\pm 10\%$) including Ammeter, Voltmeter, Thermal Overload relay, 16 Amps 2 pole Magnetic Contactor with under Voltage protection, Indication lamp, starting capacitor, running capacitor and On/Off Push button switches, 5 way connector, wiring with 1 sq. mm/1.5 sq. mm copper PVC insulated cable, powder coated vermin proof box including the capacitor (the cost of capacitor is to be taken separately). For 2 HP Motor		Rs.5,000.00 (Rupees Five Thousand only)	1 No. (Each)	5000.00

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SL. No.	Item. No.	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
96	A17	114.92	Supplying, fabricating, erecting and fixing 8mm thick Calcium Silicate Board Designed and Perforated for False Ceiling using G.I perimeter channel of size 0.55mm thick (having one flange of 20mm thick another flange of 30mm and web of 27mm) along with perimeter of ceiling, screws, fixed brick wall / partition / RCC work with the help of nylon sleeves and screws at 610mm centre to centre. Then suspending G.I intermediate channels of 45mm (0.90mm thick with two flanges of 15mm each) from the soffits at 1220mm centre to centre with ceiling angle of width 25x10x0.55mm thick fixed to soffits with G.I cleat and steel expansion fasteners ceiling section of size 0.55mm thick having knurled web of 51.50mm and two flanges of 26mm each with lips of 10.50mm are fixed to the intermediate channel with the help of connecting clips in direction perpendicular fixed to the intermediate channel with the help of connecting clips in direction perpendicular to the intermediate channel at 457mm center 10mm thick tapered edge Calcium Silicate Board Designed and Perforated (confirming to IS 2035-1982) screw fixed to ceiling section with 25 mm dry wall screws @ 230 mm centers screw fixing is done mechanically either with screw driver or drilling machine with suitable attachment etc all complete and as directed by the departmental officers.		Rs.1,250.00 (Rupees One Thousand Two Hundred and Fifty only)	1 M ² (One Square Metre)	143650.00
97	A18	66.16	Providing cornice work for GYP Board false ceiling including cost of materials and labour charges etc., all complete and as directed by the departmental officers.		Rs.150.00 (Rupees One Hundred and Fifty only)	1 RMT (One Running Metre)	9924.00

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Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
98	A19	18.00	Supplying and fixing of 18W LED Fitting (3000K Square type recessed fittings with LED) (higher end) of best approved quality and variety with necessary fittings including all materials and labour charges etc., all complete and as directed by the departmental Officers. (The brand should be got approved from the Executive Engineer before use)		Rs.1,000.00 (Rupees One Thousand only)	1 No. (Each)	18000.00
99	A20	1.00	Supply, installation, testing and commissioning of 10 KVA Diesel Generator with standard panel complete with all accessories like engine, alternator, batteries with leads control panel, base frame, antivibration mounts, residential silencer, 65 litres fuel tank, intake & exhaust piping, fuel oil motor operated pump, other miscellaneous accessories for the total set including test trial run at load for 8 hrs at factory (inclusive of consumable oil etc) necessary control wiring for battery charger etc., annunciation etc. as per specifications given below. a) Engine The engine shall be of continuous rated, turbo charged, water cooled, electric starting, multi cylinders, 1500 RPM, 4 stroke to be coupled to 10 KVA alternator. The engine shall be of radiator water cooled, high tensile strength steel forged crank shaft, induction hardened bearings, alloy cast iron removable wet liner cylinder block, corrosion resistant cylinder heads with supply and return lines and valves, crank shaft actuated injectors with integral fly wheel, ball type governor for fuel system, forced feed gear type pump for lubrication, aluminum alloy ring carrier piston with provision for thermal expansion, exhaust gas driven turbocharger for fuel economy and low smoke and noise, heat and corrosion resistant intake and		Rs.2,25,000.00 (Rupees Two Lakhs and Twenty Five Thousand only)	1 No. (Each)	225000.00

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Sl. No.	Item No.	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
			<p>exhaust valves etc. It shall also be fitted with standard components like breather crank case, air filter, coolant filter, oil filter, fuel filter, electronic governor, central pump, panel instruments provided with ammeter, hour meter, water temperature gauge, lubricating oil temperature gauge, lubricating oil pressure gauge, starting key switch, belt driven centrifuged coolant, heavy duty radiator, supports to engine from base frame with pedestal type support in the front and rear, residential silencer, alternator directly coupled to the engine, complete painting, lubricating oil measuring lever, base frame with cushion / antivibration pads, 24 volts electric startic equipment complete with starter motor alternator and batteries with cable etc.</p> <p>b) Alternator: 10 KVA rated for continuous duty single ended, brush less, self excited, totally enclosed IP 21/22 enclosure, class of insulation H, regulation $\pm 5\%$, terminal box suitable for one run of 3.5 core 185 Sq.mm. PVC/XLPE insulated aluminum armoured cable, terminal voltage 415 volts, 50 Hz, 3 phase, 4 wire system, automatic voltage regulator, suitable mounting arrangements and coupling with the base frame and engine etc. and painting in suitable colour.</p> <p>c) Control panel The Control panel shall be made of 14 & 16 SWG sheet steel mounted on a channel frame, floor mounting, free standing, dust proof, cubical type, front operated etc. It shall be provided with 250A 25KA TPN MCCB with U/V coil and thermal magnetic realise, current transformers with suitable ratio for metering and protection, earth fault relay, square digital type ammeter (0 – 200A), square digital type</p>				

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Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
			<p>voltmeter (0 - 600V), digital type frequency meter, KWH meter, indicating lamps, fuses, etc.</p> <p>The panel shall be equipped with tinned copper bus bars of suitable size, duly provided with heat shrink PVC sleeves mounted on suitable support insulators. Separate bus bars for incoming and outgoing with cable entry at bottom of panel with removable gland plate separately for incoming and outgoing cables, panel lifting hooks, base frame etc.</p> <p>Battery charger comprising of a) Transformer, b) Rectifier, c) DC Ammeter, d) DC Voltmeter, e) Charging rate selector, f) Circuit Breaker</p> <p>d) 65 litres fuel oil tank complete with strainer, breather cum filter, drain plug, delivery line with gate valve, fuel level indicator. Hand operated fuel oil pump is to be supplied.</p> <p>e) Acoustic hood for housing the above DG set to be mounted on a concrete platform. The acoustic enclosure shall be of suitable size as per norms prescribed by Central Pollution Control Board (CPCB). The guaranteed noise level shall be of 75 decibals at 1 mtr. distance.</p> <p>(The enclosure shall be of totally weather, vermin and dust proof to enable the generator to operate at an ambient temperature of 48°</p> <p>The outer casing of the container shall be of sheet steel of suitable thickness. The total container shall be of powder coated)</p>				

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Sl. N	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
			<p>f) Supply and laying of MS fuel line connection between fuel tank and the engine with suitable supports</p> <p>g) Supply of residential silencer.</p> <p>h) Batteries: 75Ah, 12 Volts Battery with one set of connecting leads of 35 sq.mm size copper cable.</p> <p>i) Mounting of starting batteries with suitable angle iron frame work support.</p> <p>j) The base frame shall be of fabricated MS channel frame of rigid welded construction for mounting the generator set.</p> <p>WARRANTY:- The warranty is for 24 months from commissioning or 5000 running hours for Engine and Alternator and 12 months from the date of commissioning for control panel.</p>				
100	A21	30.00	Supplying of 4 core 1.5 Sq.mm Copper cable including the cost of material and loading unloading & transportation charges etc, all complete and as directed by the departmental officers.		Rs.130.00 (Rupees One Hundred and Thirty only)	1 RMT (One Running Metre)	3900.00
101	A22	30.00	Supply and fixing of UG cables on Walls / Ceiling. Charges for conveying and fixing of UG cables of sizes 4 to 25 Sqmm of 2, 3, 3.5 and 4 core with necessary MS clamps, brass screws including cost of all materials redoing the dismantled portion, etc., all complete.		Rs.125.00 (Rupees One Hundred and Twenty Five only)	1 RMT (One Running Metre)	3750.00

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Sl. No	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
102	A23	6.00	Supplying, testing and installation of 2 Ton Split Type AC Unit with copper coil 3 Star Rated Inverter (Carrier / Voltas / Blue Star / Equivalent) make consisting of outdoor condensing unit complete with compressor and air cooler condenser with fan motor and one indoor unit with evaporator, blower etc., including initial charging of refrigerant gas and suitable for single phase operation (with cardless remote control facilities). All complete and as directed by departmental officers (The quality and brand of the AC unit should be got approved from the Executive Engineer before use)		Rs.42,500.00 (Rupees Forty Two Thousand and Five Hundred only)	1 No. (Each)	255000.00
103	A24	36.00	Supply and fixing of Copper Refrigerant piping of 7/8" dia (beyond 3m supplied with AC unit) for Split type AC including the suction line copper, liquid line copper, expanded polythene foam insulation for suction line, copper pipe, drain pipe suitable capacity complete including labour charges, cost of materials, hire charges for tools and plants etc., all complete and as directed by the departmental officers.		Rs.950.00 (Rupees Nine Hundred and Fifty only)	1 RMT (One Running Metre)	34200.00
104	A25	6.00	Supply and fixing of MS stand for fixing outer unit complete including labour charges, cost of materials, hire charges for tools and plants etc., all complete and as directed by the departmental officers. (The quality and brand should be got approved from EE before use)		Rs.900.00 (Rupees Nine Hundred only)	1 No. (Each)	5400.00
105	A26	9.93	Supplying and Erecting Pull and Push Type Rolling Shutter, Gear Operated Type (from 8 sqm. to 12 sqm. Area) with ISI make of approved size and section using 18 GI sheet. The shutter shall be painted with one coat of red oxide primer and the rate is inclusive of hood covers, transportation charges etc., all complete and as directed by the departmental officers.		Rs.2,100.00 (Rupees Two Thousand and One Hundred only)	1 M ² (One Square Metre)	20853.00

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Sl. No.	Item. No	Probable Quantity	Description of Work	TNBP No.	Rate in Figures And words	Unit in Figures and words	Amount
106	A27	33.85	<p>Pre-Painted Galvanized Iron windows (Air Tight Model) with Acrylic Sheet & Grill: Providing and fixing Ajanta Cave Model window fabricated from roll formed sections made of galvanized steel colour coated / powder coated (Base steel as per IS 513 'D' quality, galvanized as per IS 277 with zinc of 120 grams / sqm.) with total coated thickness of 0.6mm. Paint specification: Coated sections should be with primer coat of epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with alkyd backer of 5-7 microns. Dimensions of sections: Sections for shutter should be of 46 x 46mm and external frame should be of 46 x 52mm. Section for glass beading should be of 18 x 25mm and centre mullion should be of 46 x 70mm. Fixing details: The frame and shutter sections should be cut to length and mitre joined with corner bracket made of CRCA electro plated. Mullion section should be joined with frame / mullion using nylon mullion cap. Ethyl Propylene Diamine Monomer (EPDM)</p> <p>Gasket should be used all around glass in shutter, between frame and glazed shutter and both sides of fixed glass.</p> <p>Accessories: Handle made of high grade Aluminium Powder coated and with nylon receiver. Gaskets made of Ethyl Propylene Diamine Monomer (EPDM). Corner brackets made of CRCA with zinc phosphating. Mullion caps made of glass filled nylon. Glass: Glass shutter and fixing glass portions should be provided with a glass of 6mm acrylic sheet. Grill: Windows should be provided with grill made of 10mm square MS bars welded to 12mm x 5mm flat at 4" intervals. Total grill unit should be powder coated and fixed to window frame with rivet. The above frame</p>		Rs.5,500.00 (Rupees Five Thousand and Five Hundred only)	1 M ² (One Square Metre)	186175.00

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			should be fixed to brick / concrete masonry by using nylon self-expanding caps and driving MS electro plated 80mm long screws into the caps through frames.				
107	A28	1.00	Supply and fixing of 12mm thick (Saint Gobain) toughened glass door with Ozone make fittings for handles and necessary accessories to fixing in position with neat finishing and the gap should be filled with silicon sealant, including the cost of materials, labour charges for fixing etc all complete and as directed by the departmental officers. (The quality and brand should be got approved from Executive Engineer before use) (3.065 x 2.50m)		Rs.60,000.00 (Rupees Sixty Thousand only)	1 No. (Each)	60000.00
			Total				3952905.75
			GST @18%				711523.04
			Grand Total				4664428.79
(Rupees Forty Six Lakhs Sixty Four Thousand Four Hundred and Twenty Eight and Paise Seventy Nine only)							

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