



**GOVERNMENT OF TAMIL NADU
RURAL DEVELOPMENT AND PANCHAYAT RAJ DEPARTMENT
TENDER DOCUMENT**

INVITATION FOR PREQUALIFICATION APPLICATION

AND PRICE TENDER

Two Cover System

(Part –B)

**PRICE BID
(Envelope - B)**

NAME OF WORK : **Construction of Panchayat union office
Building at**

_____ Block,

_____ District.

EST .AMOUNT : **Rs.**

DATE OF TENDER :

ISSUED TO : Thiru. M/s.

**Project Officer,
DRDA, District.**

(Part – B)
Price Bid (Envelope – B)

Invitation for Tender Notice No.

To:

**The Project Officer,
DRDA, District.**

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents.
- (b) We offer to execute in conformity with the Bidding Documents for the work of
- (c) The total price of our Bid, excluding any discounts offered in item (d) below is
 - (i) In figures :- Rs...../-
 - (ii) In Words :- Rupees Only
- (d) The discounts offered are
 - (i) In figures :- Rs...../-
 - (ii) In Words :- Rupees only
- (e) **The net price of our bid, after discount offered in (d) above is**
 - (i) In figures :- Rs...../-**
 - (ii) In Words:- Rupees only**
- (f) Our Bid shall be valid for a period of **90 days** from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
- (g) If our Bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents with the stipulated time.

SCHEDULE OF RATES AND APPROXIMATE QUANTITIES

- (a)** The quantities given here are those upon which the lump sum tender cost of the work is based but they are subject to alternations, omissions, deductions or addition 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 noted below are those governing payment for extras or deductions or omissions according to the condition of the contract, as set forth in the Preliminary specification of the TAMILNADU BUILDING PRACTICE and other conditions or specifications of the contract.
- (b)** It is to be expressly understood that the measured work is to be taken, not (Not withstanding) any custom or practice to the contrary, according to the actual quantities when in place and finished according to the drawings or as may be ordered from time to time by the Collector and the cost calculated by measurement or weight at the respective prices, without any additional charge for any necessary or contingent works concerned therewith. The rates quoted are for the finished works in site and complete in every respect.

**Project Officer, DRDA,
..... District**

SCHEDULE - A
SCHEDULE OF RATES AND APPROXIMATE QUANTITIES

(a) The quantities given here are those upon which the lump sum tender cost of the work is based but they are subject to alternations omissions, deductions or addition as provided for in the conditions of this contract and do not necessarily show the actual

(b) It is to be expressly understood that the measured work is to be taken not (Not withstanding) any custom or practice the contrary according to the actual quantities when in place and finished according to the drawings or as may be ordered from time to time

Name of work: Construction of Panchayat Union Office Building Block, District

Item No	Probable Quantity		Description of Work	TNBPSS No.	Rate (Rs)		Unit	Amount (Rs)
					In Figures	In Words		
1	2		3	4	5	6	7	8
1		m ³	Earth work excavation for foundation in all soils and sub soils and to full depth as may be directed except hard rock requiring blasting but inclusive of shoring strutting and baling water wherever necessary refilling the sides of foundation with excavate.	17, 23, 24			One Cum	
2		m ³	Earth work excavation for septic tank dispersion trench pipe line, sewer line, pavement, drain etc., in all soils except hard rock requiring blasting and depositing the excavated earth in places shown by the departmental officers with an initial lead of 10metres and initial lift of 2metres etc., complete complying with standard specification.	17, 23, 24			One Cum	
3		m ³	Cement Concrete 1:5:10 (One Cement, Five sand and Ten hard broken stone jelly) using 40 mm gauge hard broken granite stone jelly for foundation laid in layers of not more than 15 cm thick well rammed, consolidated and curing etc. complete.	28			One Cum	

Bidders Signature with Seal

No. of Corrections:
No. of over writings:

Item No	Probable Quantity		Description of Work	TNBPSS No.	Rate (Rs)		Unit	Amount (Rs)
					In Figures	In Words		
1	2		3	4	5	6	7	8
4		m ³	Cement Concrete 1:4:8 (One Cement, Four sand and Eight hard broken stone jelly) using 40 mm gauge hard broken granite stone jelly for foundation laid in layers of not more than 15 cm thick well rammed, consolidated and curing etc. complete.	28			One Cum	
5			Brick work using second class Country bricks of size 8 3/4 x 4 1/4 x 2 3/4 in Cement Mortar 1:6 (one cement and six sand) including curing, neat finishing, etc, complete complying with standard specification.					
a		m ³	Foundation and Basement	31,31C			One Cum	
b		m ³	Ground Floor	31,31C			One Cum	
c		m ³	First Floor	31,31C			One Cum	
d		m ³	Second Floor	31,31C			One Cum	
6		m ³	Brick work in cement mortar 1:3 using second class Country bricks of size 8 3/4 x 4 1/4 x 2 3/4 in Cement Mortar 1:6 (one cement and six sand) including curing, neat finishing, etc, complete complying with standard specification.	31,31C			One Cum	

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					In Figures	In Words		
1	2		3	4	5	6	7	8
7		m ²	Supplying and erecting water tight steel shuttering to centering including necessary supports for plane surfaces in Foundation and Basement for RCC Columns, Footings, Plinth Beams, Bed Blocks, Staircase Steps etc., using suitable mild steel sheets etc., complete.	30			One sq. m	
a		m ²	Supplying and erecting, centering for sides and soffits including supports and strutting up to 3.29m height for plane surfaces as detailed below in all floors with all cross bracings using mild steel sheet etc., complete.	30			One Sq. m	
b		m ²	Plane surfaces such as RCC floor slab, roof slab, rectangular square Tee or L Beam, Lintels, bed blocks staircase waist slab, landing slab, landing beams etc.	30			One Sq. m	
c		m ²	Plane surfaces such as RCC square or rectangular columns, top and bottom slab of sunshade, boxing, sill slabs etc.	30			One Sq. m	
d		m ²	Circular Column Centering	30			One Sq. m	
e		m ²	Vertical Centering	30			One Sq. m	

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1	2		3	4	5	6	7	8
8		m ³	Reinforced Cement concrete 1:1¹/₂:3 (one of cement one and half of sand and three of hard broken stone jelly) using 20mm gauge hard broken granite stone jelly for all reinforced cement concrete works excluding cost and fabrication of reinforcement grills in position, centering and strutting but including laying, vibrating, curing, finishing etc., complete as directed by the departmental officers complying with relevant standard specification.	30			One Cum	
a		m ³	Column Footing - Foundation and Basement	30			One Cum	
b		m ³	Ground Floor	30		:	One Cum	
c		m ³	First Floor	30			One Cum	
d		m ³	Second Floor	30			One Cum	
9		m ³	Cement Concrete 1:2:4 (One Cement, two sand and four hard broken stone jelly) using 20mm gauge HBJ stone jelly for all RCC items of works excluding cost of reinforcement grill, fabricating charges, centering and shuttering but including laying, vibrating with mechanical vibrator, finishing, curing, etc and providing fixtures like fan clamps in the RCC floor/roof slabs wherever necessary and bearing surfaces of walls beams etc. shall be finished smooth with c.m1:3 and craft paper laid over it without claiming extra etc.,	30			One Cum	

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1	2		3	4	5	6	7	8
			complete complying with standard specification and as directed by the departmental officers.					
10		MT	Supplying, fabricating and placing in position of Mild steel /Ribbed steels for reinforcement for all reinforced cement concrete works including cost of steel, binding wires, tying, bending fabricating the reinforcement grills in position etc., complete in all floors.	30, 86			One MT	
11		m ³	Weathering Course concrete with broken brick jelly of 20mm gauge in pure slaked lime to be laid in a single layer (No sand to be added) over roof slab the proportion of brick jelly to lime being 32 to 12.5cft by volume well beaten with wooden beaters etc., complete.	30,41 46, 57			One Cum	
12		m ²	Finishing the top of roof with one course of New Machine Pressed tiles of approved quality of size 23x23x2cm laid in cement mortar base layer 1:3 (One cement and Three sand) 12mm thick mixed with water proofing compound etc., complete.	41,46, 57			One Sq. m	
13			Brick work using second class Country bricks of size 8 3/4 x 4 1/4 x 2 3/4 in Cement Mortar 1:3 (one cement and three sand) including curing, neat finishing, etc, complete complying with standard specification.					
a		m ²	Ground Floor(11 cm thick)	30			One Sq. m	

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1	2		3	4	5	6	7	8
b		m ²	Ground Floor (7cm thick)	30			One Sq. m	
c		m ²	In first floor (11cm thick)	30			One Sq. m	
d		m ²	In first floor (7cm thick)	30			One Sq. m	
14		m ³	Supplying and Filling the foundation and basement with conveyed earth in layers of not more than 15cm thick well rammed, watered and consolidated as directed by the departmental officers. Complete complying with standard specifications.	25			One Cum	
15		m ³	Supplying and Filling the foundation and basement with filling river sand in layers of not more than 15cm thick well rammed, watered and consolidated as directed by the departmental officers. Complete complying with standard specifications.	25			One Cum	
16		m ²	Supplying and Paving the floor with Marbonite tiles of approved quality and brand (Colour/Shade shall be got approved by the Departmental officers concerned) of size 600x600x10mm in all floors over a base layer of cement mortar 1:3 etc., complete.	39A			One Sq. m	

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1	2		3	4	5	6	7	8
17		m ²	Supplying and fixing of Anti-Skid tiles for approved quality including cost and labour fixing charges etc., complete.	39A			One Sq. m	
18		m ²	Supplying and fixing of Eurocon tiles for flooring including cost and labour fixing charges etc., complete.				One Sq. m	
19		m ²	Supplying and fixing of Eurocon tiles (Dadoing) for elevation work including cost and labour fixing charges etc., complete.				One Sq. m	
20		m ²	Dadoing with white glazed tiles for approved quality of tiles including cost and labour charges etc., complete.				One Sq. m	
21		m ²	Supplying and fixing in position of Aluminum anodized partition with 62x38x2 mm extruded box section at bottom vertical and horizontal members. The vertical member are spaced at 90 cm c/c and to horizontal members are spaced at 1.20 m, 2.10 m and 2.40 m height the bottom panels should be covered with 12 mm thick glass thick with necessary glassing clips, rubber beading etc., including necessary dismantling holes in RCC columns, beams masonry wherever necessary with power drill to the extent required and made good to the original conditions after fixing as directed by the departmental officers. All the Aluminium				One Sq. m	

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					In Figures	In Words		
1	2		3	4	5	6	7	8
			sections should be anodized to 1.50 microns as per ISI specification 1868/1962 and should be got approved by the Executive Engineer before use. including cost and all accessories etc., complete.					
22		M	Supplying and fixing of MS Box type door frame section of size 100mm x 50 mm x 1.25 mm thick with necessary rebate for door shutter of size 35x15mm confirming I.S. specification etc., complete with powder coated primer.	74			One RM	
23		m ²	Supplying and fixing of door shutter using MDF board of exterior grade both side pre- laminated of 35mm thick for double leaf door of approved quality including cost and all accessories etc., complete Double leaf.	74			One Sq. m	
24		m ²	Supplying, fabricating and fixing in position of Aluminium Anodised natural color matt finish door half glazed and half PLB board using 12 mm thick PLB board and 5.50mm thick glazed door using rectangular Alu. box section of following sizes for frame and shutter with necessary accessories such as rubber beading, necessary with power drill to the extent required and made aluminium clips, best double action floor stopper tower bolt locks and glass including all materials,	74			One Sq. m	

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1	2		3	4	5	6	7	8
			labour, power consumption charges required for fabrication if necessary chipping, dismantling making necessary holes in RCC columns, beams masonry wherever good to the original conditions after fixing as directed by the departmental officers. All the Aluminium sections should be anodized to 1.50 microns as per ISI specification 1868/1962 and should be got approved by the Executive Engineer before use. including cost and all accessories etc., complete.					
25		m ²	Supplying and fixing of Aluminium fixed Ventilator for approved quality including cost and all accessories etc., complete of size 0.90 x 0.60 mt	74			One Sq. m	
26		m ²	Supplying and fixing of Aluminium Glazed Ventilator for approved quality including cost and all accessories etc., complete of size 1.50 x 0.60 mt	74			One Sq. m	
27		m ²	Aluminium fixed window, supply and fixing of anodized alu. fixed window with three panels using 62x38x2 mm @1.174kg/m thick extruded box sections as verticals and fixing 4mm thick plain/frosted /pin headed glass approved quality with necessary glassing clips rubber beading etc., necessary with power drill to the extent required and made aluminium clips, best double action floor stopper tower bolt locks and glass including all materials, labour, power consumption charges required	74				

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					In Figures	In Words		
1	2		3	4	5	6	7	8
			for fabrication if necessary chipping, dismantling making necessary holes in RCC columns, beams masonry wherever good to the original conditions after fixing as directed by the departmental officers. All the Aluminium sections should be anodized to 1.50 microns as per ISI specification 1868/1962 and should be got approved by the Executive Engineer before use. including cost and all accessories etc., complete.					
28			Supplying and fabricating and fixing In position anodized aluminium natural color matt finish sliding window in all floors with sliding arrangements so as to drain the water entering and made with extended aluminium section of me sizes given below necessary glassing clips, rubber beading etc., including necessary dismantling holes in RCC columns, beams masonry wherever necessary with power drill to the extent required and made good to the original conditions after fixing as directed by the departmental officers. All the Aluminium sections should be anodized to 1.50 microns as per ISI specification 1868/1962 and should be got approved by the Executive Engineer before use. including cost and all accessories etc., complete.					
28a		m ²	Four track – sliding window frame gutter section 92x38@1.742 kg/m side and top and vertical				One Sq. m	

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1	2		3	4	5	6	7	8
			92x31.5@0.981 kg/m shutter top and bottom 40x18@0.38 kg/m, vertical locking arrangements 40x18@0.632kg/m and plain side vertical 40x18@0.38kg/m					
28b		m ²	Four track – sliding window frame gutter section 62x37@1.218 kg/m side and top and vertical 62x31.5@0.788 kg/m shutter top and bottom 40x18@0.38 kg/m, vertical locking arrangements 40x18@0.632kg/m and plain side vertical 40x18@0.38kg/m				One Sq. m	
29			Supplying and fixing of MS Grill for doors, windows and ventilators including one coat of primer etc., complete.					
30		m ²	Plastering with cement mortar 1:5, using 12mm thick in all floors etc., complete.	56,57			One Sq. m	
31		m ²	Special ceiling plastering with cement mortar 1;3 using 10mm thick in all floors etc., complete.	56,57			One Sq. m	
32		m ²	Plastering with cement mortar 1:3 using 12mm thick with water proofing compound etc., complete.	56,57			One Sq. m	
33		m ²	Painting with Emulsion painting 2 coats with one coat of priming cost for approved quality including cost and labour charges etc., complete. - exterior	66A			One Sq. m	

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					In Figures	In Words		
1	2		3	4	5	6	7	8
34		m ²	Painting two coats to new Iron works including cost and labour charges etc., complete.	66A			One Sq. m	
35		M	Supplying and fixing of 110mm dia PVC pipe for rainwater down fall pipe including cost and labour charges etc., complete.	107			One Rm.	
36		No	Supplying and fixing of Indian water closet for approved quality including cost and all accessories etc., complete.	102			Each	
37		Nos.	Supplying and fixing of European water closet including cost and all accessories etc., complete.	102			Each	
38			Supplying and fixing of Wash Hand basin for approved ISI quality including cost and labour fixing charges etc., complete.					
38a		Nos.	Colour without pedestal	102			Each	
38b		Nos.	Colour with pedestal	102			Each	
39		Nos.	Supplying and fixing of Lipped Mouth Urinal for approved quality including cost and fixing charges etc., complete.	102			Each	

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					In Figures	In Words		
1	2		3	4	5	6	7	8
40		Nos.	Supplying and fixing of Squatting Urinal for approved quality including cost and fixing charges etc., complete.	102			Each	
41		Nos.	Supplying and fixing Naini trap including cost of materials and all accessories etc., complete.	102			Each	
42		m ²	Solid PVC Door shutter with frame using 19 gauge 19mm MS sq. tubes for styles and outer frames, 15mm MS sq. tubes for top, lock and bottom rails. The steel tubes shall be covered with 5mm thick solid PVC sheets. Shutter using 5mm thick solid PVC sheets for paneling shall rigidly fix in position including necessary furniture and fittings. The over all size of styles shall be 50mm x 30mm. The over all size of top rail, lock rail and bottom rail shall be 75mm x 30mm. The over all size of frames shall be 50mm x 45mm, with suitable rebate for housing the shutter.	74			One Sq. m	
43		Nos.	Supplying and fixing of Mirror for approved quality including cost and labour charges etc., complete.	102			Each	
44		Nos.	Supplying and fixing of Towel Rail for approved quality including cost and fixing charges etc., complete.	102			Each	
45		Nos.	Supplying and fixing Brass CP soap tray including fixing with necessary teak wood plugs, CP screws and dismantling masonry and redoing the same to the original condition.	102			Each	

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					In Figures	In Words		
1	2		3	4	5	6	7	8
46			Supplying and fixing in position PVC Pipe of 6 kg per sq. cm. best approved quality and make conforming to ISS of the following diameter and providing leak proof joints etc., including fixing to the wall with necessary teakwood plugs, brass, screws, mild steel clamps, etc., and giving connections to the sanitary fitting including dismantling brick masonry RCC floor or roof slab etc., wherever necessary and redoing the disturbed portion to the original condition complete complying with standard specification (The PVC pipe should be got approved from the Executive Engineer before use on works).					
46a		M	110mm dia PVC Pipe Above Ground Level	102			Rm.	
46b		M	75mm dia PVC Pipe	102			Rm.	
46c		M	160mm dia PVC Pipe Below Ground Level	102			Rm.	
47			Supplying and fixing in position of the following PVC specials best approved quality confirming to ISS and providing leak proof joints with PVC adhesive etc, including fixing to walls with necessary teak wood plugs screws etc. and giving connections to the PVC pipe dismantling the brick masonry RCC floor or roof slab and redoing the disturbed portion to original conditions etc. complete complying with standard specifications.					

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					In Figures	In Words		
1	2		3	4	5	6	7	8
			(The PVC specials should be got approved from the Executive Engineer before use on works).					
47a		Nos.	110mm dia PVC Door Bend	102			Each	
47b		Nos.	110mm dia PVC Plain bend	102			Each	
47c		Nos.	75mm dia PVC Door Bend	102			Each	
47d		Nos.	75mm dia PVC Plain Bend	102			Each	
47e		Nos.	110mm dia PVC Plain Tee	102			Each	
48			Supplying laying and jointing best approved quality and make glazed stone ware pipes with spigot and socket ends in dry conditions of the following diameters with spurn yam and cement joints excluding necessary earth work excavation to the required depth for trench including petty masonry shoring and strutting wherever necessary and refilling the same and leveling the ground laying pipe in true alignment and gradient and conducting required water test with necessary tools and plants etc. complete complying with standard specification (The stone ware pipe should be got approved by the Executive Engineer before use on works)					

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1	2		3	4	5	6	7	8
48a		M	110mm dia – Cement Joint	96,99			Rm.	
48b		M	75mm dia - Loose Joint	96,99			Rm.	
49		Nos.	Supplying, laying and jointing in position 100 mm dia stone ware tee of approved brand and quality with hemp yarn and cement joints including necessary water supply etc. complete (The stone ware specials are to be got approved by the Executive Engineer before use works)	99			Each	
50		Nos.	Supplying and fixing in position P.V.C. ventilating shaft of 110mm dia with working pressure of 4kg/cm ² and 3m height with P.V.C. cylindrical cowl and fixing in position as directed etc., complete. (The P.V.C. pipe and cowl should be got approved from the Executive Engineer before use on work).				Each	
51		m ³	Collection and supply of hard broken granite stone metal of the following size ISS Metal for dispersion trench including stacking to the departmental gauge and placing around the stoneware pipe to the required thickness as directed by the departmental officers etc., complete complying with standard specification 40 mm Metal	25			One Cum	
52		Nos.	Supplying, fixing and erection of Single phase 3.00 H.P. power submersible pump 5200 with suitable motor of best approved quality and make with I.S.I. mark including cost of all accessories like panel board of 30				Each	

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1	2		3	4	5	6	7	8
			amps. switch delta starter and wiring room panel board base plate, belt, pulley, oil level indicator, belt guard, for the air pipe of size 20 mm and delivery pipe of size 32 mm dia including fixing of suction pipe up to a maximum depth of 120 metre and delivery pipe up to the exterior wall of the pump room etc., complete and testing the pumps on trial run for 3 days. (All the above materials are to be got approved from the Executive Engineer before use on works.)					
52a		m	32mm dia PVC Pipe				Rm.	
52b		m	20mm dia PVC Pipe				Rm.	
53		Nos.	Supplying and fixing of PVC water storage tank of best approved quality and make of super thick with lid of capacity of 2000 litres with accessories including giving necessary connection etc., complete as directed by the departmental officer. (The PVC water storage tank should be got approved by the Engineer before use on work)				Each	
54			Supplying, laying and jointing B class G.I. Pipes of the following dia of approved quality and best variety above ground level including fixing of G.I Specials but excluding cost of such specials and cutting and threading of pipes (The G.I specials will be measured					

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1	2		3	4	5	6	7	8
			and paid for separately).but including fixing to the wall with necessary clamps and screws, Teak wood plugs making holes in the wall (or) drilling holes in the roof and making good of the disturbed portion to the original condition with necessary brick work and plastering wherever necessary with necessary scaffolding charges. etc., complete complying with standard specification.					
			Above Ground Level					
54a		m	32mm dia GI Pipe				Rm.	
54b		m	25mm dia GI Pipe				Rm.	
54c		m	20mm dia GI Pipe				Rm.	
55			Supplying, laying and jointing B class G.I. Pipes of the following dia of approved quality and best variety above ground level including fixing of G.I Specials but excluding cost of such specials and cutting and threading of pipes (The G.I specials will be measured and paid for separately).but including fixing to the wall with necessary clamps and screws, Teak wood plugs making holes in the wall (or) drilling holes in the roof and making good of the disturbed portion to the original condition with necessary brick work and plastering wherever necessary with necessary scaffolding charges. etc., complete complying with standard specification.					

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1	2		3	4	5	6	7	8
			Below Ground Level					
55a		m	25mm dia GI Pipe				Rm.	
55b		m	20mm dia GI Pipe				Rm.	
56			Supplying, laying and jointing B class G.I pipes of the following dia of approved quality and best variety below Ground level and laid properly to alignment including fixing the required G.I. Specials but excluding cost of such specials, cutting and threading charges. The pipe is to be covered with tar dipped gunny tapes etc., complete. (The G.I specials will be measured and paid for separately). The rate should be exclusive of necessary earthwork excavation of size 40cm width and to an average depth of 50cm and refilling (The G.I. Pipes should be got approved by the Executive Engineer before use on works)					
56a		Nos.	32mm dia GI Pipe				Each	
56b		Nos.	25mm dia GI Pipe				Each	
56c		Nos.	20mm dia GI Pipe				Each	

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					In Figures	In Words		
1	2		3	4	5	6	7	8
57			Supplying and fixing in position the following galvanized Iron specials of best approved quality and heavy type and good variety excluding fixing charges, but including cost of cutting and threading the G. I. Pipes for jointing the G. I. Specials etc., complete complying with standard specification.					
I			<u>In water supply line</u>					
a		Nos.	32mm dia GI elbow				Each	
b		Nos.	25mm dia GI elbow				Each	
c		Nos.	20mm dia GI elbow				Each	
II			<u>GI Bend</u>					
a		Nos.	32mm dia				Each	

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No. of Corrections:
No. of over writings:

Item No	Probable Quantity		Description of Work	TNBPSS No.	Rate (Rs)		Unit	Amount (Rs)
					In Figures	In Words		
1	2		3	4	5	6	7	8
b		Nos.	25mm dia				Each	
III			<u>GI Tee</u>					
a		Nos.	32mm dia				Each	
b		Nos.	25mm dia				Each	
c		Nos.	20mm dia				Each	
IV			<u>G.I. Reducer Elbow</u>					
a		Nos.	25x20mm dia				Each	

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No. of Corrections:
No. of over writings:

Item No	Probable Quantity		Description of Work	TNBPSS No.	Rate (Rs)		Unit	Amount (Rs)
					In Figures	In Words		
1	2		3	4	5	6	7	8
b		Nos.	20x15mm dia				Each	
V			<u>G.I. Reducer Tee</u>					
a		Nos.	32x25mm dia				Each	
b		Nos.	25x20mm dia				Each	
VI			<u>GI Reducer</u>					
a		Nos.	32x25mm dia.				Each	

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No. of Corrections:
No. of over writings:

Item No	Probable Quantity		Description of Work	TNBPSS No.	Rate (Rs)		Unit	Amount (Rs)
					In Figures	In Words		
1	2		3	4	5	6	7	8
b		Nos.	25x20mm dia.				Each	
c		Nos.	20x15mm dia.				Each	
58			Supplying and fixing in position first quality and approved variety of Gun Metal Gate Valve / Wheel Valve heavy type with ISI mark of the following sizes including cost of shellac, thread, including labour charges for cutting and threading of GI pipes as directed by the departmental officers etc., complete complying with standard specification for both internal and external water supply arrangements. The gate valve/ wheel valve should be got approved by the departmental officers before use on works.					
58a		Nos.	32mm dia. G.M. Gate Valve				Each	
58b		Nos.	25mm dia. G.M. Wheel Valve				Each	
59		Nos.	Supplying and fixing in position 15mm brass C. P. screw down tap (Heavy duty) of best approved make and quality including cutting, threading. G. I. Pipes wherever necessary and fixing to the galvanized iron pipes in position etc., complete complying with standard specification (Tap to be used on works should be got approved from the Executive Engineer before use).				Each	

Bidders Signature with Seal

No. of Corrections:
No. of over writings:

Item No	Probable Quantity		Description of Work	TNBPSS No.	Rate (Rs)		Unit	Amount (Rs)
					In Figures	In Words		
1	2		3	4	5	6	7	8
60		Nos.	Supplying and erection of horizontal shaft centrifugal mono block power pump set of single phase 1.50 H.P of best approved quality and make with ISI mark on suitable pedestal with foundation bolt and nut including labour supplying and fixing of starter and main switch suitable for 1.50 H.P pump set on suitable angle iron frame work with necessary labour including panel board, supply and run off 4 of 10mm ² , in P V C pipe with 14 SWG TC wire including fixing of suction pipe and foot valve up to a maximum depth of 7m and delivery pipes up to the exterior wall of pump room etc., complete and operating the pumps on trial run for 3 days. (The make and quality of pump set to be got approved by the Executive Engineer before use on works.)				Each	
61		m ²	Pre cast Plain cement concrete Pavement slab of size 45cm x 45cm x 5cm on mix 1:2:4 (one cement two sand and four aggregate) using 20mm size hard bracken granite metal for the following thickness including cost of all materials, moulding charges, casting, laying, finishing, curing for seven days and fixing the slabs in position including simultaneous flush pointing to full depth of slabs with cement mortar 1:3 (one cement and three sand) as directed by the departmental officers complete complying with standard specifications.				One sq. m	

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No. of Corrections:
No. of over writings:

Item No	Probable Quantity		Description of Work	TNBPSS No.	Rate (Rs)		Unit	Amount (Rs)
					In Figures	In Words		
1	2		3	4	5	6	7	8
62		m ²	Manufacturing and fixing RCC Pre cast Slab of 50mm thick in C.C mix 1:1½:3 (One cement, One and a half sand and Three aggregate) using 20mm size hard broken granite stone excluding cost of reinforcement grill placed in position but including cost of all materials, moulding charges, casting, laying, finishing, curing and fixing the slabs in position with C.M. 1:3 to full depth of slabs as directed by the departmental officers. Complete complying with standard specification.				One sq. m	
63		Pts	Wiring with 2x1.5Sq. mm (22/0.3) PVC insulated unsheathed SC Cu. Conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories with TW switch box and 5A F.T switch in flush with wall with 3mm thick hylum sheet cover for making good of the concealed portion with suitable colour for PVC concealed light point / fan point (For electronic regulator) (SD - 23)	SD23			Point	
64		Pts	Wiring with 2x1.5Sq.mm (22/0.3) PVC insulated unsheathed SC Cu. Conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 3mm thick hylum sheet cover with teak wood switch box and 5A F.T switch and making good of the concealed portion with suitable colour for PVC concealed light(6 points per coil) (for the rooms like bath, toilets and pump rooms) (SD - 24)	SD24			Point	

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No. of Corrections:
No. of over writings:

Item No	Probable Quantity		Description of Work	TNBPSS No.	Rate (Rs)		Unit	Amount (Rs)
					In Figures	In Words		
1	2		3	4	5	6	7	8
65		Pts	Wiring with 3 x 1.5Sq. mm(22/0.3) PVC insulated SC unsheathed Cu. Conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 3mm thick hylem sheet covered TW switch box and 5A F.T. switch (Two way) and making good of the concealed portion with suitable colour for concealed staircase light point.(SD - 30)	SD 30			Point	
66		Pts	Supply and fixing of single box type Fitting with electronic ballast with TW round blocks on wall or ceiling with flu tube with PVC unsheathed Copper leads from terminals to the fitting. (Data - A) SD 83	SD 83 Data - A			Each	
67		Nos.	Supply and fixing of 14W CFL lamp for existing BH point. (Data - B)	DATA B			Each	
68		Nos.	Supply and fixing of ceiling fixture 250 / 300 mm Complete with gallery etc clear glass Opac / Crystal suitable for 11W CFL Lamp. (Data - C)	SD 82 DATA C			Each	
69		Nos.	Supply and fixing of 4 40 W Twin mirror optic fitting complete with electronic Ballast Model No: 530649 Bajaj Make BMMR 236/2-10 DL WEB2 louvers cover complete with copper chokes and condenser with conduit pipe suspension, with PVC unsheathed Copper leads from the terminals to the fittings with flu. Tubes. (Data - D)	SD 91 DATA D			Each	

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No. of Corrections:
No. of over writings:

Item No	Probable Quantity		Description of Work	TNBPSS No.	Rate (Rs)		Unit	Amount (Rs)
					In Figures	In Words		
1	2		3	4	5	6	7	8
70		Nos.	Supply and fixing of recessed accent lighting luminaire with vertical lamp and specular finished patterned reflector (Model No: DN 622(White)type fitting suitable for 14W CFL lamp fixing on false ceiling.(Philips Make) (Data - E)	SD 77 DATA E			Each	
71		Nos.	Supply and fixing of Fancy Wall Bracket with 14W CFL lamp for existing BH point. (Data - F)	SD 77 DATA F			Each	
72		Nos.	Supply and fixing of Recess mounted mirror optic luminaire with paralite P5 louvers Wipro make Model No: WVP 24236 suitable for 2 x 36W CFL lamps. (Data - G)	SD 83 DATA G			Each	
73		Nos.	Supply and fixing of 65 mm (2 1/2) GI pipe (Class B)of 6 mt. Length with 300mm x 300mm x 6mm MS base plate, duly welded at the bottom with concreting with construction of Masonry pedestal with suitable MS box to house 5A control switch etc. with suitable angle iron frame work, with door and with lock and key arrangements and with supply and fixing of 1 Nos. 250W metal halide fitting with copper chokes and condenser with 250W MV bulb with 1 metre of 32mm dia GI pipe (Class B) complete, with necessary clamps, on the above post with PVC unsheathed leads with painting of suitable colour. (Data - H)	SD 96 DATA H			Each	
74		Nos.	Supply and fixing of 18 W CFL Lamp Street Light Luminaire Fitting Model No. SCE 1218 complete with Aluminium Body (Crompton Make) complete with	SD 92 DATA I			Each	

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No. of Corrections:
No. of over writings:

Item No	Probable Quantity		Description of Work	TNBPSS No.	Rate (Rs)		Unit	Amount (Rs)
					In Figures	In Words		
1	2		3	4	5	6	7	8
			copper ballest and connections with copper leads on wall. (Data – I)					
75		Nos.	Supply and fixing of 1200 mm (48) AC ceiling fan complete with stepped electronic 300W regulator with 300mm down rod on the existing clamp.	SD 106			Each	
76		Nos.	Supply and fixing of 1400 mm (56) sweep AC ceiling fan complete with stepped electronic regulator with 300 mm down rod on the existing clamp.	SD 107			Each	
77		Nos.	Supply & Fixing of AC / DC 76mm Buzzer /call bell suitable for 230 Volts 50 c/s single phase AC supply on suitable TW Board with push switch.	SD 101			Each	
78		Nos.	Supply and fixing of 5 A 3 pin and 2 pin combined flush type wall socket with 5A flush type switch concealed in suitable MS box, in flush with wall.	SD 130			Each	
79		Nos.	Supply and fixing of 5A/15 A 3 Pin combined flush type wall socket with 15A flush type switch concealed in suitable MS Box flush with wall with painting.	SD 133			Each	
80		Nos.	Supply and fixing of 3 Nos. 5Amps (3 Pin and 2 Pin) combined flush type wall socket with control switches concealed in suitable TW Box covered with Hylem sheet in flush with wall with earth connection (For Computer Plug Socket).(SD -134A)	SD 134 A			Each	
81		Nos.	Supply and fixing of 20Amps DP Plug and Socket in sheet enclosure with 32A DP MCB in flush with wall with earth connection (For AC Plug) [Legrand (MDS) / Hager (L&T) make].(SD -134 B)	SD 134 B			Each	

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Item No	Probable Quantity		Description of Work	TNBPSS No.	Rate (Rs)		Unit	Amount (Rs)
					In Figures	In Words		
1	2		3	4	5	6	7	8
82		Mts.	Supply and run of 2 of 1.5 sq. mm (22/0.3) PVC insulated SC unsheathed Cu. Conductor of 1100V Grade in rigid pipe concealed in wall and ceiling with painting of suitable colour. (Data - J)	SD 53 DATA J			One meter	
83		Mts.	Supply and run of 2 of 2.5 sq. mm (36/0.3) PVC insulated SC unsheathed Cu. Conductor of 1100V Grade in rigid pipe concealed in wall and ceiling with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour (Data -K)	SD 53 DATA K			One meter	
84		Mts.	Supply and run of 2 of 4Sq. mm (56/0.3) PVC insulated SC unsheathed Cu. Conductor of 1100V Grade in suitable PVC rigid pipe concealed in wall and ceiling with continuous earth wire connection of 14SWG TC wire and making good of the concealed portion with suitable colour.	SD 55			One meter	
85		Mts.	Supply and run of 4 of 6 sq. mm (84/0.3) PVC insulated SC unsheathed Cu Conductor of 1100 V grade in suitable PVC rigid pipe concealed in wall and ceiling with continuous earth wire connection by 14 SWG TC wire and making good of the concealed portion with suitable colour	SD 61			One meter	
86		Mts.	Supply and run of 4 of 10 sq. mm (140/0.3) PVC insulated SC unsheathed Cu Conductor of 1100 V grade in suitable PVC rigid pipe concealed in wall and ceiling with continuous earth wire connection by 14 SWG TC wire and making good of the concealed portion with	SD 61 DATA L			One meter	

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No. of over writings:

Item No	Probable Quantity		Description of Work	TNBPSS No.	Rate (Rs)		Unit	Amount (Rs)
					In Figures	In Words		
1	2		3	4	5	6	7	8
			suitable colour . (Data - L)					
87		Nos.	Supply and fixing of 8 way single pole and neutral MCB sheet steel enclosure Distribution board double door type 1 No 32 Amps DP MCB as incoming and 6 Nos. 6 Amps to 32 Amps SPMCB outgoing in flush with wall and making good of the concealed portion with earth connection only. The MCB DB and MCB s should be with Legrand (MDS) / Hager (L&T) make. (Data -M)	SD 161 DATA M			Each	
88		Nos.	Supply and fixing Vertical type 8 way triple pole neutral MCB distribution board double door type in sheet steel enclosure with 1 No 63A 4 pole MCB isolator as incoming and 10 Nos. 20A DP MCB as outgoing in flush with wall and making good of the concealed portion with earth connection. The MCBDB and MCB s should be with the Legrand (MDS) / Hager (L&T) Make. (Data - N)	SD 173 DATA N			Each	
89		Nos.	Supply and fixing Vertical type 12 way triple pole neutral MCB distribution board double door type in sheet steel enclosure with 1 No 100A 4 pole MCB isolator as incoming and 1 No 63A FP MCB and 10 Nos. 20A DP MCB as outgoing in flush with wall and making good of the concealed portion with earth connection. The MCBDB and MCB s should be with the Legrand (MDS) / Hager (L&T) Make. (Data -O)	SD 173 DATA O			Each	

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No. of Corrections:
No. of over writings:

Item No	Probable Quantity		Description of Work	TNBPSS No.	Rate (Rs)		Unit	Amount (Rs)
					In Figures	In Words		
1	2		3	4	5	6	7	8
90		Nos.	Supply and fixing of TNEB Meter Board suitable for 3 Phases 100A service connection made up of suitable angle iron frame work of size 2 feet x 1 1/2 feet using angle iron of size 1 1/2 x 1 1/2 x 1/4 rigidly fixed on wall covered with hylem sheet of size 2 feet x 1 1/2 feet of 12mm thickness with necessary bolts and nuts supports and supply and fixing of 3 Nos. 100A fuse units (500V) 1 No. Neutral link, copper earth flat of size 1 x 1/4 with inter connection of EB meter to fuse units by 7/16 PVC insulated copper wire with earth connection complete.	SD 126			Each	
91		Nos.	Supply and fixing of 3 Phase 100A aerial fuse unit for 3 Nos. 100A fuse units (500V) on suitable MS sheet covered with 6mm thick hylem sheet on suitable angle iron work the tapping pole with necessary clamps. (Data - P)	SD 124 DATA P			Each	
92		Nos.	Supply and fixing of 100 Amps TPN sheet double break switch with HRC fuse and neutral on suitable angle iron frame work with earth connection only.	SD 163			Each	
93		Mts.	Supply and laying of 2 x 10 sq. mm PVC armoured LTUG cable in a trench to be excavated at a depth of 0.75 metre putting 0.15 mt. Layer of sand and covering the cable completely with bricks and sand and refilling the earth to make good.	SD 192			One Meter	
94		Mts.	Supply and clamping of 2 x 10 sq. mm PVC LTUG armored LTUG cable on post or on wall with MS Clamps.	SD 210			One Meter	

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No. of over writings:

Item No	Probable Quantity		Description of Work	TNBPSS No.	Rate (Rs)		Unit	Amount (Rs)
					In Figures	In Words		
1	2		3	4	5	6	7	8
95		Mts.	Supply and run of 4 x 10 sq. mm (84/0.3) PVC insulated SC unsheathed Cu. Conductor of 1100V on 7/20 GI bearer wire for service connection mains. (Data -Q)	SD 66 DATA Q			One Meter	
96		Mts.	Supply and run of 4 x 10 sq. mm (140/0.3) PVC insulated SC unsheathed Cu. Conductor of 1100V grade in 32mm dia GI pipe (Class B) suitably bent at both ends with necessary angle iron up right and end supports for mains. (Data - R)	SD 71 DATA R			One Meter	
97		Mts.	Supply and run of 1 of No.8 copper wire for earth connection. (Data -S)	SD 72 DATA S			One Meter	
98		Nos.	Renewal by Supply and fixing of 32 Amps DP MCB Isolator in suitable MS Box in Flush with wall and earth connection. (Data - T)	SD 130 DATA T			Each	
99		Nos.	Earthing as per the ISI specification with an earth electrode of 2.1mt class B GI pipe of dia not less than 40mm, with copper earth plate of size 125mm x 50mm x 6mm, with necessary funneling arrangements with necessary masonry work and with 38mm RCC cover slab for the brick masonry .	SD 227			Each	
							T O T A L	
Total amount in Rs. ----- and in words Rupees -----								

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No. of Corrections:
No. of over writings:

SCHEDULE-B

List of following drawings are enclosed in this agreement: -

1. Plan and Elevation & Cross section of the Building.
2. Site Plan
3. Index Map

**Project Officer, DRDA,
.....District.**

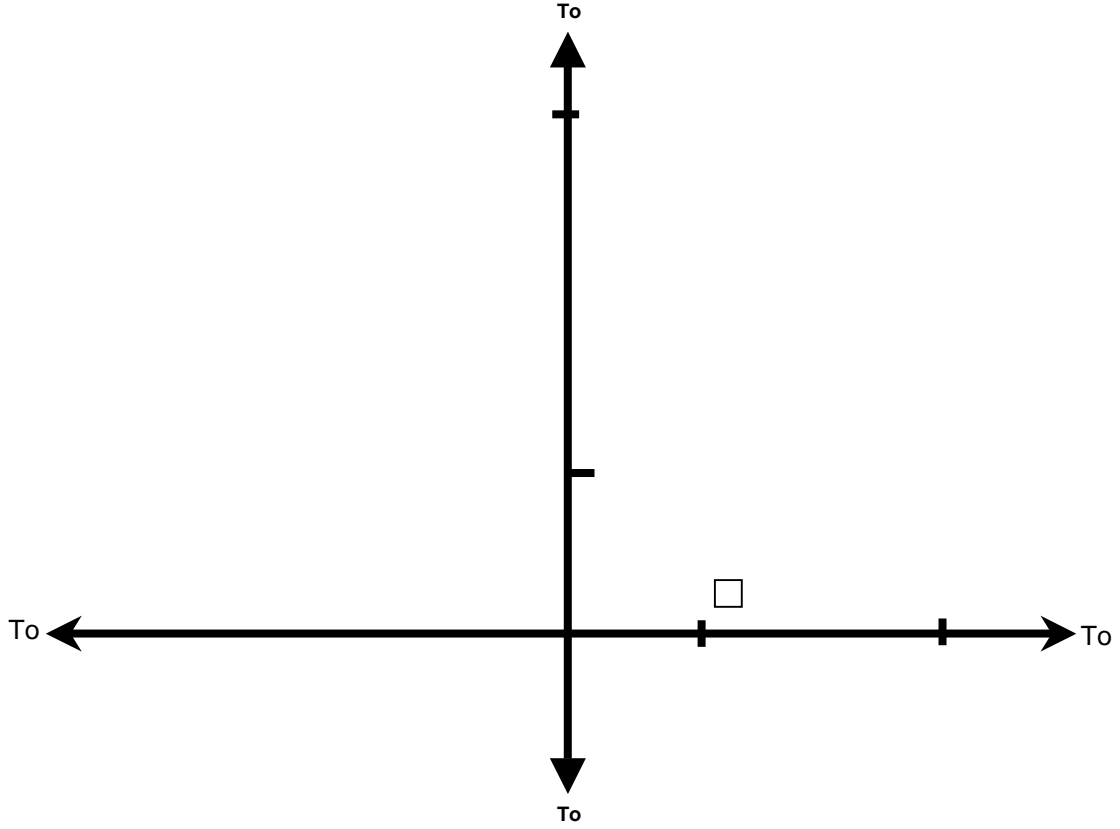
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3. INDEX MAP

Name of Work: Construction of Panchayat union office building

Block, _____

District _____



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SCHEDULE-C

1.SALES TAX REGISTRATION & DEDUCTION OF SALES TAX FROM THE BILLS

The Contractor should be required to indicate their registration number under the Tamil Nadu General Sales Tax Act 1959 in the tender form and produce current VAT return issued by the Commercial tax department before final settlement of bills.

According to the notification issued by the Commissioner of Commercial Taxes, Chennai with regard to Deduction of Sales tax at source in respect of works contract in the TAMIL NADU GOVERNMENT GAZETTE CHENNAI. Dt. 31.05.1999, a new provision under 7F for deduction of tax at Sources is introduced in the Tamil Nadu General Sales Tax Act 1959, by Tami Nadu Act 15 of 1999 with effect from 10.06.99. As per this new section, 7F of this act, at the time of payment of such sum deduction @ 2% [Two Percent] in respect of civil works and 4% [Four Percent] in respect of all other works contract shall be effected from the total amount payable to the contractors and the amount so deducted shall be deposited to the Assessing officer concerned with in SEVEN days.

2. RETENTION AMOUNT

2.1 The Payment authority shall deduct from the running account bills, a sum equivalent to 5% (Five Percent) of the total value of each bill as retention money.

2.2. Out of the 5% retention amount, 2 ½% (Two And Half Percent) of the total value of the work so far executed will be released to the contractor on payment of final Bill, without interest and the balance 2 ½% retained for a period of one year, reckoned from the date of completion of the work, as all defects shall have been made good according to the true intent and meaning thereof, whichever shall happen last.

2.3. The retention money of 2 ½ % (Two and Half Percent) of the total value of contract after deducting any amount due to the Department, shall be refunded to the Bidder without interest after the defects liabilities attached to the contract is over (As per Para above) subject to the following conditions:

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- The Collector, District should certify that no liability is due from the Bidder.
- The Bidder should execute and produce an indemnity bond for a further period of FOUR years indemnifying the Government against any loss or expenditure, incurred to rectify any defects noticed due to faulty Workmanship by the contractor or sub standard materials used by the Bidder, within the period of FOUR years.

2.4. Concessions granted to standing contractors on payment of deposits are not applicable to this contract.

3. REVENUE RECOVERY ACT

Whenever any amount has to be paid by the contractor in lieu of determination of the contract by virtue of clause 57 (4) any amount that may be due or may become due from the contractor under the present contract and the contractor is not responding to the demands for the payment of said amount, then the Government shall be entitled to recover the said amount under the provision of the Revenue Recovery Act.

In the event of the work being transferred to any other office, Executive Engineer/ Assistant Executive Engineer who is having jurisdiction over the work shall be competent to exercise all the powers and privileges reserved in favour of the Government.

4. RISK INSURANCE

The work executed by the contractor under this contract shall be maintained at the contractor s risk until the work is taken over by the Collector.

The Government should not be liable to pay for any loss or damages occasioned by (or) arising out of fire, flood, volcanic eruptions, earth quake, other conclusion of nature and all other natural calamities risk arising out of act of God during such period and that the option whether to take insurance coverage (or) not to care such risks is left to the contractor.

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The contractor shall not be liable for all or any loss of damages occasioned by or arising out of acts of foreign enemies invasions, hostilities or war like operations (before or after declaration of war) rebellion by military.

5. RATE OF PROGRESS/ MILESTONE CHART

Period after date of commencement	Percentage of work completed (Based on contract lump sum amount)
(1)	(2)
1 st Month	Preparatory work and mobilization of construction equipments
2 nd Month	
3 rd Month	10 %
4 th Month	15 %
5 th Month	20 %
6 th Month	25 %
7 th Month	30 %
8 th Month	35 %
9 th Month	40 %
10 th Month	45 %.
11 th Month	50 %
12 th Month	55 %
13 th Month	60 %
14 th Month	70 %
15 th Month	80 %
16 th Month	85 %
17 th Month	90 %
18 th Month	100% of work should be completed in all respects.

6. PENALTY AND TERMINATION CLAUSE.

In case of delay of 30 days beyond the stipulated 18 months period or further extended period, as mutually agreed for reasons recorded, **Rs. 500/-** per day will be levied and collected as penalty. In case of delay between 31-60 days, **Rs. 1,000/-** per day will be levied and collected as penalty. In case of delay beyond 60 days, **Rs. 2,000/-** per day will be levied and collected as penalty with option to cancel the work order, Security deposit forfeited and contractor black listed in addition to the penalty.

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The employer reserves the right to levy and collect penalty up to **Rs.2000/-** per day for delays in achieving the milestones in the intermediate period as stipulated in the contract. The Employer also reserves the right to terminate the contract if the work is not executed as per condition of contract during the intermediate period.

7. ARBITRATION CLAUSE

In case any dispute or difference between the parties to the contract either during the progress or after the completion of the works or after determination, abandonment or breach of the contract or as to any other matter or thing arising there under except as to the matters left to the sole discretion of the Executive Engineers under clause 18, 20, 25-3, 27-1, 34, 35 and 37 of the general condition of the contract as to the withholding by the Executive Engineer or the payment of any bill to which the contractor may claim to be entitled.

Then either party shall forthwith give to the other notice of such dispute or difference and such dispute or difference shall be and is hereby referred to the arbitration of the Superintending Engineer (Mentioned in the Articles of agreement (here in after called the Arbitrator)) in case where the value of claim is less than and up to Rs. 50,000/- (Rupees Fifty Thousand only). In case where the value of the claim is more than Rs. 50,000/- the parties will seek remedy through the competent Civil Court in the jurisdiction with in district. (G.O. Ms. No.253 P.W.D dt 24.2.1981).

If at any subsequent time to the execution of this arrangement, Government materials other than those specified in the agreement are supplied to the contractor for use of the work, they will be charged at the market value prevailing at the time of supply of stock or issue rates, whichever is higher. The contractor will be informed in writing of this charge and he should intimate in writing the rate, which he demands for finishing the work in view of the fact that he is to use Government materials. No centage of incidental charges will be borne by the Government in connection with the supply of the materials referred to in this paragraph.

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8. CONDITION ON ENGAGING CHILD LABOUR

The work contract assigned to the contractor shall be cancelled if they engage child labour in executing works and such contractor will be black listed for three years.

9. LABOUR :

The Contract shall, unless other wise provided in the contract make his own arrangements for the engagement of all staff and labour, local or other, and for their payment, housing, feeding and transport.

The Contractor shall, if required by the Engineer, deliver to the Engineer a return in detail, in such form and at such intervals as the engineer may prescribe , Showing the staff and the number of the several classes of labour from time to time employed by the contractor on site and such other information as the Engineer may require.

10. COMPLIANCE WITH LABOUR REGULATIONS:

During continuance of the contract, the contractor and his sub contractors shall abide at all times by all existing labour enactment and rules made there under, regulations, notifications and bye laws of the state or Central Government or local authority and other labour law (including rule). Regulations bye laws that may be passed or notification that may be issued under any labour law in future either by the state or the central government or the local authority. Salient features of some of the major labour laws that are applicable to construction industry are given below. The Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the Competent authority on account of contravention of any of the provisions pf any Act or rules made there under, regulations or notifications including amendments. If the Employer is caused to pay or reimburse. Such amount as may be necessary to cause or observe, or for non-observance of the provisions stipulate in the notifications /bye laws /Acts/Rules/regulations including amendments, if any, on the part of the Contractor, the Engineer/Employer Shall have the right to deduct any money due to the contractor including his amount of performance security. The Employer Engineer shall also have right to recover from the contractor any

sum required or estimated to be required for making good the loss or damage suffered by the Employer.

The Employees of the Contractor and the Sub-Contractor in no case shall be treated as the employees of the Employer at any point of time.

11. SALIENT FEATURES OF SOME MAJOR LABOUR LAWS APPLICABLE TO ESTABLISHMENTS ENGAGED IN BUILDING AND OTHER CONSTRUCTION WORK

(The law as current on the date of bid opening will apply)

- a. **Workmen Compensation Act 1923:** The Act provides for Compensation in case of injury by accident arising out of and during the course of Employment.

- b. **Payment of gratuity Act 1972:** Gratuity is payable to an employee under the Act on satisfaction of certain condition on separation if an Employee has completed 5 years service or more or on death the rate of 15 days wages for every completed year of service. The Act is applicable to all establishments employing 10 or more employees.

- c. **Employee P.F. and Miscellaneous provision Act 1952(since amended):** The Act Provides for monthly contributions by the employer plus workers @ 10% or 8.33%. The benefits payable under the Act are :
 - (i) Pension or family Pension on retirement or death, as the case may be
 - (ii) Deposit linked insurance on the death in harness of the worker.
 - (iii) Payment of P.F. accumulation on retirement /death etc.,

- d. **Maternity benefit Act 1951 :** The Act provides for leave and some other benefits to women employees in case of confinement or miscarriage etc.,

- e. **Contract labour (Regulation & abolition) Act 1970 :** The Act Provides for certain welfare measure to be provided by the contractor

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to contract labour and in case the contractor fails to provide , the same are required to be provided, by the principal employer by law. The principal Employer is required to take certificate of Registration and the contractor is required to take license from the designated officer. The Act is Applicable to the establishment or Contractor of Principal Employer if they employ 20 or more Contract labour.

- f. **Minimum wages Act 1948** : The Employer is supposed to pay not less than the minimum wages fixed by appropriate Government as per provision of the Act if the employment is a scheduled Employment Construction of building, Roads , Runways are scheduled employments.
- g. **Payment of wages Act 1936** : It lays down as to by what date the wages are to paid , when it will be paid and what deduction can be made from the wages of the workers.
- h. **Equal Remuneration Act 1979**: The Act provide for payment of equal wages for work of equal nature to male and female workers and for not making discrimination against female employees in the matters of transfers training and promotion etc.,
- i. **Payment of Bonus Act 1965**: The Act is applicable to all establishment employing 20 or more employees. The Act provides for payments of annual bonus subject to a minimum of 8.33% of wages and maximum of 20% of Wages to employees drawing Rs.3500/-per month or less. The bonus to be paid to employees getting Rs.2500/-per month or above upto Rs.3500/-per month shall be worked out by taking wages as Rs.2500/-per month only. The Act does not apply to certain establishments. The newly set-up establishments are exempted for five in certain circumstances. Some of state Government have reduced the Employment size from 20 to 10 for the purpose applicability of this Act.
- j. **Industrial Disputes Act 1947**: The Act lays down the machinery and procedure for resolution of industrial disputes, in what situation a lock –

out becomes illegal and what are the requirements for laying off or retrenching the employees or closing down the establishment.

- k. **Industrial Employment (Standing Orders) Act 1946:** It is applicable to all establishments employing 100 or more workmen (employment size reduced by some of the states and central Government to 50). The Act provides for laying down rules governing the conditions of employment by the Employer on matters provided in the Act and get the same certified by the designated Authority.
- l. **Trade Unions Act 1926:** The Act lays down the procedure for registration of trade unions of workmen and employers. The Trade Unions registered under the Act have been given certain immunities from civil and criminal liabilities.
- m. **Child Labour (Prohibition & Regulation) Act 1986:** The Act prohibits employment of children in all other occupations and processes. Employment of child labour is prohibited in building and construction Industry.
- n. **Inter – State Migrant workmen s (Regulation of employment & condition of service) Act 1979:** the act is applicable to an establishment which employs five or more inter state migrant workmen through an intermediary (who has recruited work men one state for employment in the establishment situated in another state). The inter - state migrant work men , in an establishment to which this Act becomes applicable ,are required to be provided certain facilities such as housing medical aid , traveling expenses from home up to the establishment and back, etc.,
- o. **The building and other construction workers (regulation of employment and conditions of service) Act 1996 and the Cess Act of 1996:** all the establishment who carry on any building or other construction work and employs 10 or more workers are covered under this Act. All Such establishment are required to pay Cess at the rate not exceeding 2% of the cost of construction as may be modified by the government. The employer of the establishment is required to provide

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safety measures at the building or construction work and other welfare measures, such as canteens, first – Aid facilities, Ambulance, housing accommodation for workers near the work place etc., The employer to whom the Act applies has to obtain a registration certificate from the registering officer appointed by the government

- p. **Factories Act 1948:** The Act lays down the procedure for approval at plans before setting up a factory, health and safety provision, Working hours, annual earned leave and rendering information regarding accidents or dangerous occurrences to designated authorities. It is applicable to premises employing 10 persons or more with aid of power or 20 or more persons with out the aid of power engaged in manufacturing process.

(Note : 1.All bidders are expected to indicate clearly in the bid, if they proposed sub contracting elements of the works amounting to more than 20 percent of the bid price. For each such proposal the qualification and the experience of the identified sub-contractor in the relevant field should be furnished along with the bid to enable the employer to satisfy himself about their qualification before agreeing for such sub-Contracting and include it in contract . It view of the above normally no additional sub-contracting should arise during execution of the Contract.

2.However ,[a] sub contracting for certain specialized elements of the work is not unusual and acceptable for carrying out the works more effectively ; but vertical splitting of the works for subcontracting is not acceptable , [b] In any case, proposal for sub-Contracting in addition to what was Specified in bid and stated in Contract agreement will not be acceptable if the value of such additional sub-contracting exceeds 25% value of work Which was to be executed by Contractor without sub-Contracting.)

12. PROTECTION OF ENVIRONMENT

The contractor shall take all reasonable steps to protect the environment on and off the site and to avoid damage or nuisance to persons or to property of the others resulting from pollution, noise or other cause arising as a consequences of his methods of operation .

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During Continuance of the contract, the Contractor and his sub-Contractor shall abide at all times by all existing enactments on environmental protection and rules made there under, regulations, notifications and bye-laws of the State or Central Government or local authorities and any other law, bye-law, regulations that may be passed or notification that may be issued in this respect in future by the state or central government or local authority.

Salient features of some of the major laws that the applicable are given below:

The Water (Prevention and control of Pollution) Act 1974: This provides for prevention and control of water pollution and the maintaining and restoring of wholesomeness of water. Pollution means such contamination of water or such alteration of the physical, Chemical or biological properties of water or such discharge of any sewage or trade effluent or of any other liquid , gaseous or solid substance into water(whether directly or indirectly)as may , or is likely to, create a nuisance or render such water harmful or injurious to public health or safety, or to domestic, commercial , industrial , agricultural or other legitimate uses, or to the life and health of animals or plants or of aquatic organisms.

The Air (Prevention and control of Pollution) Act, 1981: This Provides for prevention, control and abatement of air pollution. Air Pollution means the presence in the atmosphere of any air pollution , which means any solid , liquid or gaseous substance (including noise) present in the atmosphere in such concentration as may be or tend to be injurious to human beings other living creatures plants or property or environment .

The environment (Protection) Act 1986_: This provides for the protection and improvement of environment and for matter connected therewith, and the prevention of hazards to human being , other living creatures plants and property. Environment includes water, air and land and inter-relationship which exists among and between water, air and land, and human beings, other living creatures, plants micro-organism and property.

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The Public liability Insurance Act 1991: This Provides for public liability insurance for the purpose of providing immediate relief to the persons affected by accident occurring while handling hazardous substances and for matter connected herewith or incidental thereto. Hazardous substance means any substance or preparation which is defined as hazardous substance under the Environment (Protection) Act 1986, and exceeding such quantity as may be specified by notification by the Central Government.

13. EXECUTION OF WORK

If at any time the **Collector** shall be of the opinion that the contractor is delaying commencement of the work or violating any of the progress of work as defined by the tabular statement of rate of progress or the Mile-stone Chart in the article of agreement, the **Project Officer, DRDA ,** **District** shall so advice the contractor in writing and at the same time demand compliance. If the contractor neglects to comply with such demand within seven days after the receipt of such notice it shall be at any time thereafter be lawful for the Collector to determine the contract which determination shall carry with the forfeiture of the security deposit and the total of the amount withheld from the final bill together with value of such works as may have been executed and not paid for such proportion of such total sums, as shall be assessed by the Collector.

14. The contractor shall employ the following technical staff for supervising the work and shall see that one of them is always at site, during working hours personally checking all items of work and paying extra attention to such works as may demand special attention (eg.) reinforced concrete work etc.

	Name or member of the technical staff to be employed.	Number	Experience in years
1	Graduate Engineers	2	5
2	Diploma Holders	4	2

Note1: - Even if, the contractor himself is professionally qualified and not in position to remain always at the site of the work during working hours, personally checking all the items of works and paying attention to such

works as may demand special attention (i.e.) RCC work etc. the contractor should employ technically qualified men as prescribed for the work.

Note2: - A penalty of Rs.2,000/- (Rupees Two Thousand only) per month for diploma holder and Rs.5, 000/- (Rupees Five thousand only) per month for degree holder will be levied in case of default on the part of contractor in appointing technical personnel as per the norms specified in the tender notice.

**Project Officer,
DRDA ,..... District**

SCHEDULE - D

SPECIAL CONDITIONS

1. Clean river sand shall be used in all cases and as per IS No.2116.
2. Only clean fresh water shall be used for on the work. The Contractor shall make his own arrangements for water and shall meet all charges there for. The special attention of the Contractor is drawn to clause 39 of preliminary specification of the T.N.B.P. regarding water and lighting.
3. The broken stone for concrete and RCC work shall be granite and approved by the Executive Engineer.
4. All Iron works or steel works of every kind such as to be embedded in concrete shall immediately on arrival at the site be properly scrapped and wire brushed and given priming coat of approved lead painting without any extra claims.
5. The Iron holdfasts shall be built upon the walls in cement mortar 1:3 at the time of construction of walls. No extra claim shall be due for the same wherever the holdfasts are to be provided to 9 thick wall. Those should be fixed with cement concrete 1:3:6 using 20mm gauge broken granite stone jelly for proper anchorage and proper binding. No separate rates for such pockets of concrete filling at masonry along with adjacent masonry.
6. Holes for Electrical wiring, water supply and drainage etc., shall be provided as directed during progress of work without any extra claim.
7. The work will be carried out with the least hindrance to the adjoining building and the contractor will be responsible for the damages caused to the existing fixtures, electric fittings etc. during the course of execution and the contractor shall make good any damages without any claim for extra.
8. For all RCC works; the rate shall include the treatment by curing as per TAMILNADU BUILDING PRACTICE.

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9. Concrete works: All exposed concrete surfaces will be required to be finished by cement plaster at contractor s cost for the relevant cement concrete items mentioned in schedule A.

10.Plastering all external corners, edges of beams, edges of doors and windows openings etc., shall be finished sharp using richer mortar and also finished truly vertical or horizontal as the case may be. The rate for plastering shall include the cost of finishing as above and no extra cost for the corners, edges beams etc., shall be paid.

11.The projection if any to the masonry will be measured under the relevant items and no extra will be paid for finishing the same.

(i) The work in DRDA executed by the contractor under the contract shall be maintained by the contractor until the work is taken over by the Collector. The contractor shall accordingly arrange his own insurance against fire, flood, volcanic eruption, earth quake other convention of nature and all other natural calamities, risks arising out of acts of God during such period and that the Government shall not be liable for any loss or damages occasioned by or arising out of any such acts of God.

(ii) Provided, however that the contractor shall not be liable for all or any loss or damages occasioned by or arising out of act of foreign enemies, invasion hostilities or war like operation (before or after declaration or war) rebellion by military or usurped power.

12. CONDITIONS FOR CEMENT & STEEL DEPARTMENT SUPPLY.

(i) Cement and Steel will be supplied by the Department at_____ Panchayat Union section store at the cost specified below and the same will be recovered from the contractor s bill.

(a) Cement Rs. _____/- Per MT.

(b) Steel (RTS & MS) Rs. _____/- per MT

(ii) The contractor's rate for the respective items involving cement and steel should include cost and conveyance from departmental stores to worksite and proper handling charges at both ends:

(iii) The contractor's rate shall be inclusive of all Sales Tax if any, which he has to pay to the Government.

(iv) Contractor should make his own arrangements to take delivery of the materials at the departmental stores worksite during office hours on all working days. The contractor should make necessary arrangements to protect the departmental materials in his custody from damage. If he fails to make such precautionary measure the cost of damaged materials shall be made good from the contractor.

(v) Cement & Steel required for the above work will be supplied in sufficient quantity as and when required in consistent with the progress of works as decided by the Departmental Officers. The contractor shall arrange to store the materials sufficiently in large quantities to ensure continuity of the work. He shall also be responsible for the proper storage preservation of the materials in good condition. For the quantity of cement and steel cost wasted or used in excess of the prescribed quantities by more than 5% for cement and 2 1/2% for steel non-returned by the contractor the recovery cost will be double the issue rate plus storage or market rate whichever is higher. The decision of the Project Officer, DRDA, District, District Rural Development Agency should be final for constitutes the quantity cement lost wasted or used in excess of the prescribed requirement and shall be binding on the contractor.

Any variation in the cost of materials procured by the contractors will be to their account. The contractor will not be eligible for any extra amount on this account at any time.

(vi) Empty cement bag need not be returned to the department. They will become the property of the contractor.

13. All testing charges cost of cubes, labour transport and incidental charges will be to the account of the contractors.

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14. The Department will not undertake supply of water if it for plain pre-stressed and RCC Works. It is the responsibilities of the contractor to get from approved source. Water shall confirm the specifications 108-12-212 and 1007.02 of SSRS. The rates quoted shall be inclusive of charges for procuring and transport of water to site whatsoever be the distance.
15. No water lead will be paid for any of the items and the rates should inclusive of all leads of water whatever to be the distance.
16. The contractor has to make his own arrangements for all tools and plants required for the work.
17. The level furnished on the plan are cases up to the investigation done by the departmentally. If there by any charge on levels water level etc., during actual execution the contractors are bound to accept them and they are not eligible for any extra claim for any change in levels.
18. The materials excavated for foundation should be made good for approaches as for a possible for which no extra rate will be allowed.
19. For the area and column covered by benching rock to excavation charges under soft rock excavation will be paid and the contractors is eligible only for payment above level to which benching has been done.
20. Cement and Steel concreting the undulation on rocky bed have to be leveled by the contractor at his cost and for filling in the pocket and undulation no extra rate will be paid to the contractor.
21. Traffic can be allowed on the proposed diversion road to be formed for which necessary provision is made in this tender. The contractor shall make his own arrangements for and maintain diversion of approach road for the conveyance of materials to the work site at his cost and the department will not make any payment for these them. This should be responsibility of the contractor.
22. The quantity of the water proof compound to be added fixed by the manufactures of the particulars circular paddi cut that should be at approved by the Government and the same should be procured by the contractor at this cost.
23. All testing charges, cost of cubes, labour transport and incidental charges will be debited to the account of contractors.

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24.As soon as contract is accepted the contractor should give Programme of work in the shape of PERT which the processes to adopt for execution. The progress of work should be in conformity with the PERT as specified under condition 22 of the tender notices issued for this work.

**Project Officer,
DRDA,..... District**