

In Lieu of PWD-8

OFFICE OF THE EXECUTIVE ENGINEER (E)
ELECTRICAL DIVISION NO. 4/DDA
ROHINI OFFICE COMPLEX, OLD BARRACKS
NEAR SARA/SWATI VIHAR, ROOM NO. 110
DELHI - 110085

Issued to M/s _____

Date of Sale of Tender : _____

Name of Work : Evolution of House C.G.F. + 4 Storeyed 1/2 Internal development in
Pocket 'F' Sec-18 Rohini. SH- Supply and Installation of Submersible
Pump Set.

Estimated Cost Rs. 175797=00

Earnest Money Rs. 3516=00

Cost of Tender Rs. 500=00

Time Allowed One Month

Last date for receipt of tender 26-9-08 upto 3.00 p.m.

I / We have seen and studied the NIT in the office of the Executive Engineer (E), Electrical Division 4 on form PWD-8 with correct slips and conditions attached with it. I / We are counting our item rates on the basis of these terms and conditions and if my / our offer is accepted the regular agreement with all terms and conditions as contained in the N.I.T. will be a part of the agreement to be executed for the due performance of the work.

Tendered amount Rs. _____

Date the _____ day of _____ 2008.

Signature of Contractor

Signature of witness to contractor's

Signature

Address

Occupation

Note : Earnest money should be deposited in the form of call deposit receipt or Demand draft drawn on a Scheduled Bank guaranteed by the Reserve Bank of India, in favour of AO/CAU(R)/DDA. Earnest Money in cash will not be accepted.

A -
C -
D -
OW - 0

18/9/08
EXECUTIVE ENGINEER (E.)
Electrical Division No. IV, DDA,
Rohini, Delhi - 110085

DELHI DEVELOPMENT AUTHORITY
ELECTRICAL DIVISION NO. 4, ROHINI, DELHI - 110085
NOTICE INVITING TENDER NO. 24/EE/ED-4/DDA/2008-09

(In Lieu of Form PWD 6)

Item rate / percentage tenders are invited for the work on behalf of DDA from the approved contractors of eligible contract of DDA & CPWD and those of appropriate list of P&T, MES, and Railways which shall be opened on the same day.

The enlistment of the contractors should be valid on the last date of sale of tenders.

In case only the last date of sale of tenders is extended, the enlistment of contractor should be valid on the original date of sale of tender.

In case both the last date of receipt of application and sale of tenders are extended, the enlistment of contractor should be valid on either of the two date i.e. original date of sale of tender or on the extended date of sale of tenders.

1.2 For works costing upto Rs. 25 Lacs in case of B&R, tenders shall be issued to contractors registered with DDA Only.

1.3 For works costing above Rs. 25 Lacs upto Rs 2 crores, tenders shall be issued to DDA & CPWD enlisted contractors as per their enlistment. The tenders shall also be issued to non-DDA, non-CPWD contractors provide they have satisfactorily completed three similar nature of works, each of value not less than 40% of the estimated cost in the last five years.

1.4 For works costing above Rs. 2 crores hut upto Rs. 10 crores, the tenders shall be issued to DDA as well as non-DDA contractors provide they have satisfactorily completed three similar nature of works, each of value not less than 40% of the estimated cost or two works of similar nature, each of value not less than 50% of the estimated cost or one work of similar nature of value not less than 80% of the estimated cost in the last 7 years ending the last of the month previous to the one in which the tenders are invited.

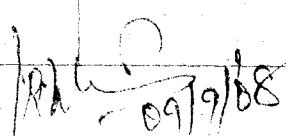
Note - Class 2 contractors of DDA & CPWD shall also be eligible if they satisfy the criteria specified in 1.4 above.

1.5 For works costing above Rs. 10 crores, there shall be pre-qualification / post qualification as the case may be as per existing practice.

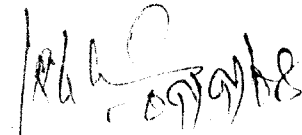
The tender documents can be had on any working day from the Sr. AO / CAU / Rohini Zone / DDA of from Tender Sale's Counter at Vikas Minar, DDA Office, I.P. Estate, New Delhi between 11.00 a.m. to 3.00 p.m. on payment of cost of tender (non refundable) as well as amount of earnest money in the prescribed manner as mentioned against each work i.e. in ... upto Rs. 10,000/-) / Receipt Treasury Challan / Deposit at call receipt / fixed deposit receipt / demand draft of a schedule bank issued in favour of Sr. A.O. / CAU / Rohini / DDA on production of valid enlistment registration certificate, and valid registration with works contract cell of Sales Tax deptt. of GNCTD and Tax clearance certificate issued by the work contract cell in Form XI. Sale of tender forms will be stopped 4 (Four) days including date of opening before the date fixed for the opening of tenders.

The manner of submission of tender, opening of same and entry of contractor's / their authorized representatives to the place of opening shall be provided in clause three 3(a)(b) and (c) of PWD-6 forming part of the tender documents.

S.No.	NIT No.	Name of work	Estt. Cost / Earnest money / Cost of tender	Time Allowed	Date of Sale Date of opening of tender
1.	24	Construction of 440 LIG Houses (GF + 4 storeyed) , inclduign internal development in Pocket-F, Sector-18, Rohini. SH: Supply and Installation of submersible pump set.	<u>Rs. 1,75,797.00</u> <u>Rs. 3,516.00</u> <u>Rs. 500.00</u>	01 Month (One Month)	<u>22.09.2008</u> <u>26.09.2008</u>


EXECUTIVE ENGINEER (E)
Electrical Division No. 4, DDA

1. The Secy. Delhi Contractors & Builders Association (Regd.) 1584, Arya Samaj Gali Bazar Sita Ram, Delhi-6.
 2. CPWD Contractors Association (Regd.), Y Shaped Building, I.P. Estate, New Delhi.
 3. The Association of Elect. Contractors (Regd.) Chamber No. 103, Laxmi Complex, B-6, Subash Chowk, Laxmi Nagar, Delhi - 92.
 4. The Secy. Assn. of Elect. Contractors (Regd.) A-41, Mayapuri, Ph- II, New Delhi.
 5. The Secy. All Delhi DDA, MCD Contractors Welfare Association (Regd.) 253, Pratap Khand, Vishwakarma Nagar, Delhi - 110095.
 6. The DDA Contractors Assn. (Regd.), 40-I/E-18, Vikas Kuteer, New Delhi.
 7. The Trans Yamuna DDA Contractors Association (Regd.) 11-12, Vir Sewarkar Market (Budh Bazar) Gandhi Nagar, Delhi-91.
 8. DDA Builders Association (Regd.), C-29, Panchsheel Enclave New Delhi.
 9. East Delhi DDA Contractors Association (Regd.) 45-2/C, East Azad Nagar, New Delhi.
 10. Electrical Engineer & Contractors Association (Regd.), 236/1, Maharaja Complex, Main Road, West Patel Nagar, New Delhi.
 11. The Secy. DDA Builders Association, 11945, Kirti Nagar Ware Housing Scheme, Delhi - 110021.
 12. Delhi Contractor Welfare Association (Regd.) 8813, 1st Floor, Jawahar Market, Paschim Vihar, New Delhi - 110063.
 13. Delhi Govt. Contractors Welfare Association (Regd.), 179, Trivani Apartments, Near Police Station, Vivek Vihar, Delhi - 95.
 14. C.E. (Elect.) /DDA
 15. S.E. (Elect. Circle-II/DDA).
 16. E.E./QCC/DDA
 17. Sr. A.O./CAU(Rohini)/DDA.
 18. All the Ex. Engineers(E)/Elect. Divn. 1,2,4,5,6,7,9,10,11,12,QCC & FOED-1
 19. Ex. Engineer, WD-5/DDA, Vikas Minar, New Delhi.
 20. Sr. A.O. (Works)-II/DDA/Vikas Sadan, New Delhi.
 21. Sr. A.O. (Works)-III/DDA/Vikas Sadan, New Delhi.
 22. F.O. to CE (E) DDA.
 23. All AE's - 1,2,3,4 (E) & A.E.(F)/ED-4.
 24. AAO/ED-4
 25. HC/ED-4
 26. Security Officer / DDA / Vikas Minar, New Delhi.
 27. The Tender Sale Clerk, Sale Counter No.1/DDA, Vikas Minar, New Delhi.
 28. Notice Board
 29. The Director (System), Vikas Sadan, New Delhi for information. The same has also been intimated through E-mail ddatender@dda.org.in.
- Please visit DDA's website at www.dda.org.in


EXECUTIVE ENGINEER (E)

Electrical Division No. 4, DDA,

Handwritten signature/initials

DELHI DEVELOPMENT AUTHORITY
ELECTRICAL DIVISION 4, ROHINI.

NAME OF WORK:-C/O440LIG Houses (GF+4 Storeyed)/c internal development in pocket F, Sector-18 Rohini.
SH:-Supply and installation of submersible pump set

S.N.	DESCRIPTION OF ITEM	QTY	RATE	UNIT	AMOUNT
1.	Supplying of submersible pump duly coupled with suitable rating of 3-phase 415V, 50HZ, 2900RPM, Submersible induction motor. The pump set shall be suitable for the following duties; a) Discharge - 140LPM. b) Head - 25mtrs. c) Liquid - Clear water.	3sets		Set	
2.	Supplying of following size of GI B-class pipe including GI flanges duly screwed and welded on both ends of GI pipe, bend tee, nipple, rubber gasket, GI nuts, bolts and washers etc. as reqd. a) 50mm dia.	45mtr		Mtr	
3.	Supply of 3x1.5 sq mm PVC sheathed PVC insulated copper conductor submersible cable as reqd.	50mtrs		Mtr	
4.	Lowering, testing, commissioning, of submersible pump set along with double flange GI pipe, submersible cable i/c jointing and accessories up to the required depth, providing and fixing 2nos. MScamps made of MS flat 75mmX10mmX500mm along with nuts, bolts, washers, cutting the existing bore cover, making suitable removable cover and fixing of submersible cable with insulated wire with GI pipe complete as reqd.	2jobs		Job	
5.	Supplying and fixing of following size CI flanged valves complete with rubber gasket, nuts, bolts and washers etc as reqd. a) Sluice valve (non - b) Non return valve (without by - pass) - 50mm dia. b) Non return valve (without by pass) - 50mm dia.	2nos 2nos		Each Each	

यदि दर शब्दों में नहीं लिखी गई और योग

न किया तो निविदा रद्द कर दी जाएगी।

If Rate not quoted in words & totaling not done Tender will be rejected.

EE/ED-4

AAO/ED-4

6.	Supplying and fixing of 100mm dia. (0.7kg/sq cm) pressure gauge directly on GI delivery pipe, connection and testing etc. as reqd.	2nos	Each
7.	<p>Supplying, erection, testing and commissioning of LT wall mounted panel board fabricated out of 16SWG (1.6mm thick nominal) CRCA M.S. sheet with 40mmX40mmX6mm angle iron legs as per drg. attached and suitable to accommodate and supplying and fixing the following accessories therein i/c connections, inter connections with suitable size of copper wire, earth connection, numbering and spray painting after applying a coat of Zinc chromate primer as reqd.</p> <p>a) 32Amp TP&N MCB 10KA (C-Series) — 1no.</p> <p>b) 16Amp TP MCB 10KA (C-Series) — 2nos</p> <p>c) DOL starter with enclosure having suitable relay complete as reqd. — 1no</p> <p>d) Single phase preventor cum water level guard with prod/sensor 1no</p> <p>e) 3-phase shunt capacitor suitable for item no. 1 — 1no</p> <p>f) Phase indicator neon lamps with toggle switches & backup fuses 1set</p> <p>g) Voltmeter 0-500v 96mmsquare dial with selector switch — 1no</p> <p>h) Ammeter 0-15Amps 96mm square dial — 1no</p> <p>i) 1Amp SP&N MCB 10KA (B-series) — 1no</p> <p>j) 1Amps SP MCB 10KA (B-series) — 1no</p> <p>k) 16Amp SP MCB 10KA (C-series) — 1no</p> <p>l) 1-strip 300mm long aluminium bus bar 100Amp capacity duly PVC tapped/sleeved having drilled holes 6mm dia. bolts, nuts and washers etc. As reqd. — 1set</p> <p>m) Danger notice plate — 1no</p>	2sets	Set
8.	Supplying and laying of rubber mate of size 2mX1mX6mm thick suitable for 1.1KVAC supply as reqd.	2nos	Each
9.	<p>Earthing with GI earth pipe 4.5mtrs. long and 40mm dia i/c accessories and providing massonary enclosure with cover plate having locking arrangement and earthing pipe etc. with salt & charcoal as reqd.</p> <p>न किया तो निम्न सद्व कर दी जाएगी।</p>	4sets	Set

If Rate not quoted in words & totaling not done Tender will be rejected.

AAO/ED-4

10.	Providing and fixing 25mmX5mm GI strip in 40mm dia GI pipe from earth electrode etc. as reqd.	10mtrs
11.	Providing and fixing 25Xmm-5mm GI strip on surface/ recess for earth connection etc. as reqd	10mtrs
12.	Supplying and fixing of street light luminaire on bracket of suitable length made of 40mm dia GI pipe on surface/ in recess with 70wattHPSV lamp and accessories i/c connections testing etc as reqd.	4nos
13.	Supplying of 4X10sqmmPVC sheathu PVC insulated 1.1 KV grade armoured aluminium conductor cable testing etc. as reqd.	160mtrs
14	Supplying and fixing 1X40 watt fluorescent tube box type fitting complete with copper wound polyster blast, condenser, starter and fluorescent tube i/c connection and testing etc. as reqd.	2nos
15.	Laying of 1no PVC insulated and PVC sheathed/XLPE power cable of 1.1KV grade of size not exceeding 25sqmm direct in ground i/c excavation ,sand cushioning, protective covering and refilling the trench etc. as reqd.	150mtrs

Mtr
Mtr
Each
Mtr
Each
Mtr
Total

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न किया तो निविदा रद्द कर दी जाएगी।
If Rate not quoted in words & totaling
not done Tender will be rejected.

EE/ED-4

MAO/ED-4

CS
O.W

12/10/2018
Executive Engineer (E)
Elect Div.-4/D D A.
Robini New Delhi

MAKES OF MATERIAL AND GOVERNING SPECIFICATIONS

No.	Item	Governing Specification	Makes
1.	Submersible pump set	-	K.S.B. / Kirloskar / Crompton Greaves
2.	C.I. Sluice Valves	IS : 14346	I.V.C. / Kirloskar
3.	C.I. Non return valves	IS : 5312	I.V.C. / Kirloskar
4.	G.I. Pipe	IS : 1239	Jindal (Hissar) / Surya / Tata
5.	Starter	-	L&T / Siemens / Cuttler Hammer
6.	Shunt capacitor	-	GE / Madhav / Crompton / L&T
7.	Pressure gauge	-	ANI / HGI / Fiebig / Praga
8.	Single phase preventor - cum - water level guard.	-	L&T / Minilec
9.	Ammeter & Voltmeter	IS : 1248	AE / Havells / JEL / IMP
10.	PVC sheathed, PVC insulated flat submersible copper cable.	IS : 694	Plaza / Finolex / Safex
11.	Rubber mat	IS : 5424 / 1987	ISI Marked
12.	Selector switch	-	Havells / Thakur / L&T / KAYCEE
13.	Modular switch / Socket outlet	IS : 3854/IS : 1293	Anchor (Roma) / Clipsal (Opale) / MDS (Legrand)
14.	Steel Conduit	IS : 9537 Pt. (2)	B : C / AKG / Vikas / Steel Kraft / NIC
15.	PVC Insulated FRLS Copper Wire	IS : 694	Skytone / National / Ecco / Havells
16.	MCB	IS : 8820	Standard / L&T / MDS / ndokopp / Action
17.	Street Light Luminaire / Box Type Fl. Tube fitting/Lamp	-	Philips / Bajaj / Crompton
18.	PVC sheathed PVC insulated armoured cable	IS:1554	Asian Cable / Unistar / Ecco / Nicco / Skytone
19.	Panel Board	-	shall be fabricated as per drawing approved

Executive Engineer (E)
Elect Div-4 D D A.
Rohini New Delhi

ADDITIONAL CONDITIONS & SPECIFICATIONS

Conditions

1. The contractor must get acquainted with the proposed site for the work and study specifications and conditions carefully before tendering. The work shall be executed as per programme approved by the Engineer-in-Charge. The work shall be executed in close coordination with the progress of the building work. If the site for electrical work is not available in part or in full for any reason whatsoever, the time for the execution of the electrical work shall be correspondingly extended. No claim for any idle labour or compensation (except as provided under clause 10C / 10CC as applicable in the printed conditions of contract) shall be entertained.
2. The contractor shall submit completion certificate as per appendix 'E' of the general specifications for electrical work (Part-I) Internal-2005 within one month after actual date of completion, failing which an amount @ 1% of the tendered cost subject to maximum of Rs.5,000/- shall be deducted from any amount due to the contractor from DDA.
3. Drawings showing the layout of internal electrical installation are attached herewith. The Engineer-in-Charge reserves its right to make any modifications to the layout at any stage during the execution of work. No extra claims shall be entertained on account of the same except under the provisions of clause 12 & 12A in the printed conditions of the contract.
4. The following work shall be deemed to be included within the scope of work to be executed by the contractor and nothing extra will be paid on this account:-

(6)

- (i) All minor building work such as cutting of holes and chases in walls / ceiling and making good the same with cement mortar 1:4 (1 cement and 4 coarse sand).
- (ii) Provision of suitable support and clamps for fixing arrangement including nuts, bolts, cable glands, lugs, terminal blocks etc. as a part of the particular item unless given separately in the schedule of work.
- (iii) Masonry support / G.I. pipe support etc. shall be provided wherever required.

5. Testing of installation:

- (i) The entire system shall be tested to the satisfaction of Engineer-in-Charge.
- (ii) Tests shall be performed in the presence of Engineer-in-Charge or his representative.
- (iii) The contractor shall provide all labour, equipments and material required for performance of the tests.

6. The rates quoted by the contractor, shall be firm and should be inclusive of all Central / State Govt., Taxes, Duties and Levies etc.

7. Concessional Sales Tax Form C/D shall not be issued by the Department.

8. The installation shall be covered by the conditions that the whole installation or any part thereof found defective within the guarantee period should be replaced by the contractor free of charge in a reasonable time. The guarantee shall cover the followings:

- (a) Quality, strength and performance of the material and equipment used.

(1)

- (b) Safe electrical and mechanical strength of all parts of the equipments under all specified conditions of operations / satisfactory performance.
 - (c) Safe performance figure and other values as specified in the schedule of guarantee / technical particulars.
 - (d) Prompt service during guarantee period.
 - (e) Attending to consequential damages in the equipments supplied and installed by the tenderer.
 - (f) Guarantee period of 12 months shall be counted from the date of handing over of installation to the department.
9. Contractor shall provide the manufacturer test certificate in respect of all major items.
10. The contractors shall be fully responsible for watch and ward of the material brought / work executed at site till the same is complete and taken over by the department.
11. After the award of work, the contractor shall get all the materials approved from the Engineer-in-Charge before use in the work. The contractor shall also produce test certificate for conformity with relevant IS specification if required by the Engineer-in-Charge.
12. The submersible cable from panel T.W bore shall be laid in 40mm dia G.I.'B' class pipe, the cost of which is included in the item of panel board.
13. Flyash bricks shall be used in the work wherever required.

6

SPECIFICATIONS:

14. The work as indicated in the schedule of quantities attached herewith including any modifications, additions, alterations ordered subsequently shall be carried out as per specifications given below:


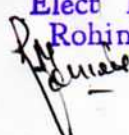

- (i) CPWD specifications for Electrical Works at Delhi Part-I (Internal) 2005 and Part-II (External) 1994 with amendments upto the date of tenders.
- (ii) Indian Electricity Rules 1956 as amended upto date.
- (iii) A table indicating the makes, governing specifications and other details in respect of some of the important materials to be used in the work is attached. These specifications shall have preference over those indicated in 14(i) above.
- (iv) Only material bearing ISI/BIS certifications mark shall be used in the work. Where articles of different designs / make bearing ISI/BIS certification mark are available, the decision of Engineer-in-Charge about the design / make to be used in the work shall be final and binding on the contractor.
- (v) Where material bearing ISI/BIS certification marks are not available, material conforming to relevant BIS/ISI shall be used with prior approval of Engineer-in-Charge.
- (vi) If the specifications of any item are not available then the decision of the Engineer-in-Charge regarding quality shall be final and binding on the contractor.

15. In case of any discrepancy in the description of any item given in the schedule of quantities and the specifications, the former shall prevail. If the specifications of any item are not available, the decision of Engineer-in-Charge shall be final.

(6)

ADDITIONAL SPECIFICATIONS

16. Additional specifications are indicated in the following clauses. These additional specifications given below shall have precedence over those indicated in para 14 above in case of deviations between the two.
17. The edges for switch boxes and junction boxes etc. shall be neatly finished by electrical contractor with 1:4 cement, sand mortar.
18. The metal boxes to be used in the work shall be made of M.S. sheet and galvanized.
19. Six pin socket outlet shall be provided for power plug points.
20. Connectors to be used anywhere in the installation shall be of porcelain type.
21. Earthing work i.e. embedding of earth electrode and testing of installations, shall be carried out in the presence of the Assistant Engineer (Elect).
22. The lengths of GI pipe to be used in the work for installation of the submersible pump set shall not be more than three meters

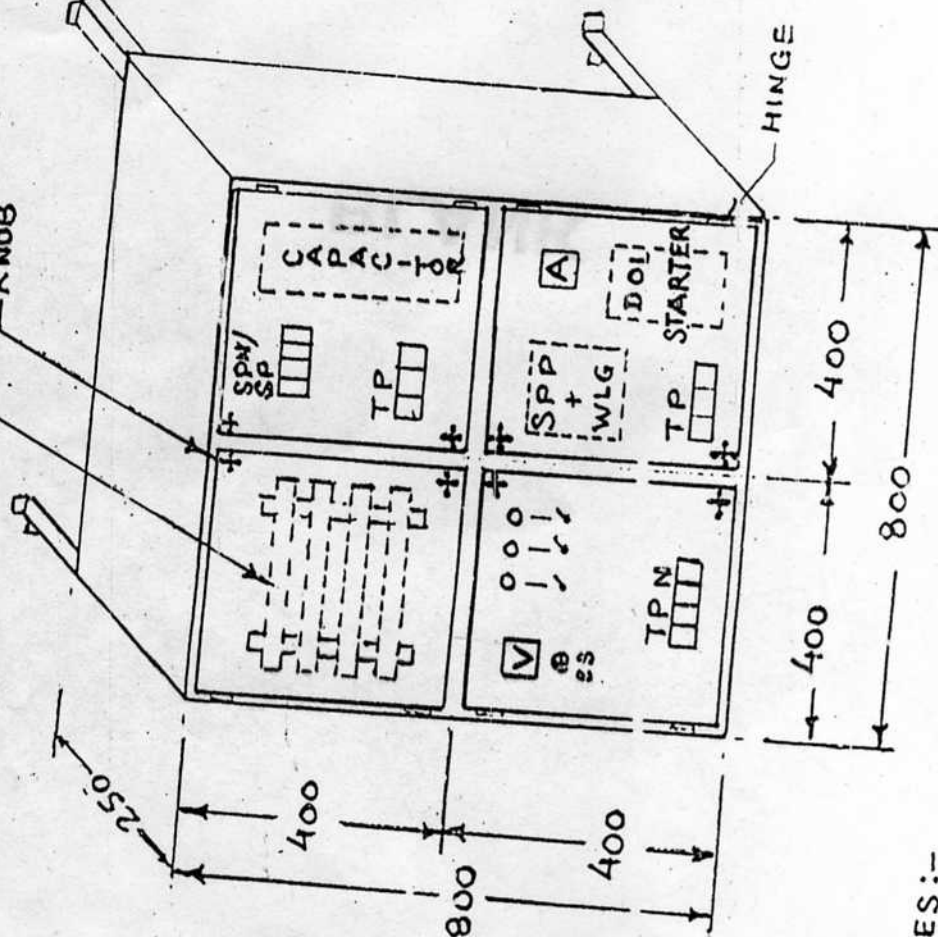

Executive Engineer (E)
Elect Div -4 D.D.A.
Rohini New Delhi.



ITEM NO.6

100A BUS BAR, 300 LONG.

KNOB

40X40X6 THK. ANGLE IRON (4 NOS.)



L.T. PANEL BOARD

- NOTES:-
1. ALL DIMENSIONS ARE IN mm.
 2. DRAWING IS NOT TO SCALE.

Executive Engineer (E)
Elect Div.-4, D D A.
Robini New Delhi

FROM OF PERFORMANCE SECURITY BANK GUARANTEE BOND

1. In consideration of the Lt. Governor of Delhi (hereinafter called "the DDA" having agreed under the terms and conditions of agreement no. dated made between and (hereinafter called the said contractor(s) For the work (herein after called, the said agreement) having agreed to production of a ~~irrecoverable~~ ^{irrevocable} Bank guarantee for (Rupees only) as security/Guarantee from the contractor (s) for compliance of his obligations in accordance with the terms & conditions in the said agreement, we (hereinafter referred to as "the Bank") (Indicate the name of the bank) here undertake to pay to the DDA an amount not exceeding Rs. (Rupees only) on demand by the DDA.
2. We do hereby undertake to pay the amounts due and payable under this guarantee (Indicate the name of the Bank) Without any demure, merely on a demand from the DDA stating that the amount claimed is required to met the recovery due or likely to be due from the said contractor (s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. only.
3. We the said bank further undertake to pay to the DDA any money so demanded not withstanding any disputes of disputes raised by the contractor (s) in any suit or proceeding pending before any court or Tribunal relating thereto out liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor (s) shall have no claim against us for making such payment.
4. We further agree that the guarantee herein contained shall remain in full force (Indicate the name of the bank) and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the DDA under or by virtue of the said agreement have been fully paid and its claim satisfied or discharged or till Engineer-In-Charge on behalf of the DDA certified that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor (s) and accordingly discharge this guarantee.
5. We further agree with the DDA that the DDA shall have (Indicate the name of the bank) the fullest liberty without our contest and without effecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extent time of performance by the said contractor (s) from time to time postpone for any time or from time to time any of the power exercisable by the DDA against the said contractor. And to for bear or enforce any of the terms & condition relating to the said agreement and we shall not be relieved from our liability of such variation, or extension being granted to the said contractor (s) or by any such matter or commission on the part of the DDA or any indulgence by the DDA to the said contractor (s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provisions, have effect of so relieving us.
6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor (s).
7. We lastly undertake not to revoke this Guarantee except with the (Indicate the same of the Bank) Previous consent of the DDA in writing.
8. This guarantee shall be valid upto unless extended on demand by DDA Not with standing anything mentioned above, our liability against this guarantee is restricted to Rs. only) and unless a claim in writing is lodged with us within six months of the date expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged. Dated the day of for (Indicate the name of bank)

A...C
C...I
CS...C
OW...C
D...C

Executive Engineer
Elect. Division-4
Rohini DDA