



ASANSOL DURGAPUR DEVELOPMENT AUTHORITY

A Statutory Authority of the Government of West Bengal
(Under Urban Development & Municipal Affairs Department)

1st Administrative Building,
City Centre,
Durgapur – 713216

Vivekananda Sarani, Senraleigh Road,
Near Kalyanpur Housing More,
Asansol -713305

Memo. No. ADDA/DGP/ED/G-57(PHXX4)/675

Date 05/02/24

Notice Inviting Tender (N.I.T. – Online) No.: ADDA/DGP/ED/N-97/202324
(Online Bid System)

Executive Engineer (Elect.), ADDA, Durgapur invites **Percentage Rate Tender** for the work noted below under ON LINE BID SYSTEM in Authority's contract form from reputed and resourceful electrical licence holder contractors who have executed similar type of work (i) worth 40% of the estimated amount put to tender in a single contract or (ii) 2 (two) similar nature of completed work, each of the minimum value of 30% of the estimated amount put to tender or (iii) one single running work of similar nature which has been completed to the extent of 80% or more and value of which is not less than the desired value as mentioned in (i) above during 7 (Seven) years prior to the date of issue of the tender notice in any Govt./Semi Govt./Undertakings/Autonomous Body/Statutory Body (except joint venture firm / consortium). In case of running works, only those tenderers who will submit the certificate of satisfactory running work from the concerned Exe. Engg. Or equivalent competent authority will be eligible for tender. In the required certificate it should be clearly stated that the work is in progress satisfactorily and also that no penal action has been initiated against the executing agency, i.e. the tenderer. Detail information can be had from ADDA, Durgapur Office during office hours. For this N.I.T. visit our website www.addaonline.in or <http://wbttenders.gov.in>. For any help on e-tendering contact System Manager, ADDA (Ph. No. 9932802967)

Sl. No.	Name of work	Estimated Amount (in Rs.)	Earnest Money (in Rs.)	Price of Technical, Financial Bid documents and other annexure	Time allowed for the work	Defect liability period
1	Routine Annual Maintenance of electrical work within City Centre and other places for one year (2023-24).	8,50,000.00	17,000.00	Rs1,000.00 (applicable for successful tenderer at the time of formal agreement)	1 (one) year	1 (one) year

Technical bid shall contain: Copy of (1) Credentials (Completion certificate) possessed by the firm, **Estimated amount, date of completion of the project, final work done amount of the project must be indicated in credential certificate** (2) Latest Trade Licence (3) GST No. / registration certificate (4) Latest P. Tax Registration Certificate/ Payment Challan (5) PAN Card, (6) Bank Solvency Certificate (25% of Estimated amount and not more than one year old) (7) E.P.F. Registration Certificate, (8) ESI Registration Certificate. (9) Electrical Licence of the Contractor (10) Supervisor's certificate of competency against relevant parts. (11) Income Tax (SARAL) Acknowledgement Receipt for three consecutive years to be submitted i.e. the Assessment year 2021-2022, 2022-2023, 2023-2024). Bank Solvency certificate should clearly mention the amount of solvency. Bank transaction statement / balance of account on a particular date or over any financial quarter will not be accepted as bank solvency. Necessary Earnest Money will be deposited by the bidder electronically : Online – through his / her net banking enabled bank account, maintained at any bank or Offline – through any bank by generating NEFT / RTGS challan from the e-tendering portal. Intending Bidder will get the Beneficiary details from e-tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective Bank as per the Beneficiary Name & Account No., Amount, Beneficiary Bank name (ICICI Bank) & IFSC Code and e-Proc Ref No.

Intending bidder who wants to transfer EMD through NEFT/RTGS must read the instruction of the Challan generated from E-Procurement site. Bidders are also advised to submit EMD of their bid, at least 3 working days before the bid submission closing date as it requires time for processing of Payment of EMD. Bidders eligible for exemption of EMD as per Govt. rule may avail the same and necessary documents regarding the exemption of EMD must be uploaded in the EMD folder of Statutory bid documents and will be applicable only in supply works as per Govt. norms. PAN of Tenderer should be linked with AADHAAR. Otherwise IT may be deducted at higher rate without any prior intimation from this office as per GO.

Additional performance security @10% of the tendered amount must be submitted by successful bidder if the accepted bid value is 80% or less from the estimated value put to tender (According to the memo No. 4608-F(Y), dated 18th July 2018 of Finance Department, Audit Branch). The Additional performance security shall be submitted in the form of Bank Guarantee from any scheduled Bank before issuance of the Work Order. If the bidder fails to submit the Additional performance Security within seven working days from the date of issue of letter of Acceptance, his Earnest Money will be forfeited and other necessary actions like blacklisting of the contractor etc. may be taken. The Bank Guarantee shall have to be valid up to the end of the contract period and shall be renewed accordingly, if required. All other provision of rules & regulations will be maintained according to vide memo No. 4608-F(Y) dated 18th July 2018 of Finance Department, Audit Branch)

Financial bid should contain the price bid quoted in Financial Bid document. *The rate quoted should include GST and all sorts of taxes, duties, Cess as applicable. Standard Tender Form of ADDA to be downloaded first and signed as acceptance of the contains there in and upload the same in proper place.* Technical bid will be opened first and if specific documents are found acceptable as per terms and conditions laid down above, the second part that is financial bid will be opened on the same day or on a later date subject to clarification of any points related to technical bid. As per Govt. of West Bengal order No. HF/BHP/KFW/156/2007/311 dated 17.08.2007 Cess @ 1% of cost of construction will be deducted at source from the bill of the contractor engaged in the work. In case of Registered Labour/Engineers Co-operative society, they should produce a photocopy of resolution of meeting of Board of Director empowering members to be Authorized Signatories of respective Co-Operative Society along with their application with the original resolution for verification. No conditional tenders will be accepted and the Executive Engineer, ADDA reserves the right to reject it without showing any reason. The Executive Engineer, ADDA reserves the right to cancel the e-NIT without assigning any reason and no claim for losses in this regard will be entertained. Prospective tenderes should visit the site of work and get themselves fully acquainted with site conditions and accordingly quote their rates.

The schedule of dates: -

1. Date of availability of Tender papers online from **10.00 a.m. on 08.02.2024.**
 2. Last date of online submission of Tenders **3.00 p.m. on 16.02.2024.**
 3. Opening of Technical Bid online at **3.30 p.m. on 19.02.2024** and Financial Bid will be opened after evaluation of Technical Bid.
- The Authority reserves the right either to accept or to reject any or all tender without assigning any reasons thereto.



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Near Kalyanpur Housing More,
Asansol -713305

Memo. No.....

Date

- NOTE:** 1. In case of any Unscheduled Holiday on the aforesaid dates, the next working date will be treated as scheduled prescribed date for the same purpose.
- Bidders will have to download the template for Price Bid (Excel sheet) and fill up the proforma for quoting rates and then upload in appropriate place.
 - Bidders will also have to upload scanned copies of the following within scheduled date:
(i) Credential Certificate, (ii) Latest Trade licence (iii) GST No. / registration certificate,, (iv) Latest P. Tax Registration Certificate/ Payment Challan (v) Bank Solvency Certificate (25% of Estimated Cost), (vi) PAN Card, (vii) E.P.F. Registration Certificate, (viii) ESI Registration Certificate (ix) Electrical licence of the Contractor (x) Supervisor's certificate of competency against relevant parts . Only scanned copies of above documents should be uploaded.
 - If any discrepancy arises between two similar clauses on different notifications, the clause as stated in later notification will supersede former one in following sequences:-
(i) Prescribed ADDA tender form (ii) NIT (iii) Technical Bid (iv) Financial Bid.
 - Any Corrigendum and addendum will be published through ADDA website: www.addaonline.in
 - Where there is a discrepancy between the rate in figures and words the rate in words will govern.
 - Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by quantity, the unit rate quoted shall govern.
 - Any change of BOQ will not be accepted under any circumstances.

Same
05.02.2024

Executive Engineer (Elect.)
Asansol Durgapur Development Authority.

Memo No. ADDA/DGP/ED/G-57 (Pt. XXX)/2023-24/675

Copy forwarded to:

Dated:05.02.2024

- The Hon'ble Chairman, ADDA for kind information.
- The Chief Executive Officer, ADDA for kind information.
- The Sub-Divisional Magistrate, Durgapur,
- The Assistant Executive Officer, ADDA, Durgapur,
- The Assistant Executive Officer, ADDA, Asansol,
- The Executive Engineer, ADDA, Asansol,
- The F.O., ADDA, Durgapur – with a request to be present at the time of Tender opening.
- The Assistant Engineer (Elect.), ADDA, Durgapur,
- The System Manager, ADDA – with a request to upload the matter in the website of ADDA.
- The Sub-Assistant Engineer (Elect.), ADDA, Durgapur.
- Com. Optr., with a request to upload the matter in the website wbenders.gov.in and to be present at the time of tender open.
- The Notice Board, ADDA, Durgapur.
- The Notice Board, ADDA, Asansol,
- File copy.ADDA/DGP/ED/MN-09/23-24

Same
05.02.2024

Executive Engineer (Elect.)
Asansol Durgapur Development Authority.

OFFICE COPY

Estimate for annual maintenance of electrical works and Air Conditioners within City Centre and other places for one year (2023-24).

Sl.no	Item Description	Rate(Rs.)	Unit.
01.	a) Rewinding of fan	447.37	No.
	b) Rewinding of 300mm exhaust fan	1468.37	No.
	c) S&F of new condenser	62.26	No.
	d) S&F of bearings	207.23	No.
	e) S&F electronic regulator	243.08	No.
	f) S&F electronic regulator Modular	398.61	No.
	g) S&F of new bush	75.60	No.
	h) Overhauling of ceiling/pedestal/ bracket/ exhaust fan	84.49	No.
	i) S&F of fan's shaft (replacement)	188.56	No.
	j) S&F of fan blade (complete set)	373.55	No.
02.	a) S&F of 20/40 watt tube lamp	63.59	No.
	b)S&F of Essential LEDTube 1200mm 20W865 T8 IND I – 2100lm., equivalent	328.00	No.
	c) S&F of 20/40 watt FL choke	176.10	No.
	d) S&F of 40 watt 220v starter	18.68	No.
	e) S&F of 20 watt 110v starter	41.09	No.
	f) S&F of tube lamp holder	24.01	No.
03.	a) S&F of 100 watt lamp	18.68	No.
	b) S&F of 40/60 watt lamp/ night lamp	18.68	No.
	c) S&F of 200 watt lamp	71.15	No.
	d) S&F of 50 watt halogen lamp	206.55	No.
	e) S&F of 9-25 watt PL lamp	252.36	No.
	f) S&F LED night lamp	129.64	No.
	g) S&F of 50 watt halogen lamp holder	65.82	No.
	h)S&F of LED lamp 3-9watt	176.20	No.
	i))S&F of LED lamp 12-30watt	750.96	No.
04.	a) S&F of 125 watt MV lamp	273.05	No.
	b) S&F of 250 watt MV lamp	612.80	No.
	c) S&F of 70 watt SV/MH lamp	683.96	
	d) S&F of 150 watt SV/MH lamp	801.36	No.
	e) S&F of 250 watt SV/MH lamp	942.78	No.
	f) S&F of 400 watt SV/MH lamp	1508.44	No.
	g) S&F of SV/MH igniter, 70-400 watt	622.59	No.
	h) S&F of SV/MV/MH condenser	355.76	No.
	i) S&F of (70-400) watt lamp holder	169.88	No.
	j) S&F of SV/MV/MH/Post top cover of Philips make	1744.13	No.
	k) S&F of 125 watt MV ballast	848.50	No.
	l) S&F of 250 watt MV ballast	1225.61	No.
	m) S&F of 70 watt SV/MH ballast	942.78	No.
	n) S&F of 150 watt SV/MH ballast	1461.30	No.
o) S&F of 250 watt SV/MH ballast	1744.13	No.	
p) S&F of 400 watt SV/MH ballast	2451.22	No.	
05.	a) S&F of 5/6A switch	33.56	No.
	b) S&F of 5/6A plug socket	43.63	No.

Estimate for annual maintenance of electrical works and Air Conditioners within City Centre and other places for one year (2023-24).

Sl.no	Item Description	Rate(Rs.)	Unit.
	c) S&F of 15A switch	100.69	No.
	b) S&F of 15A plug socket	115.79	No.
	e) S&F of 6A 1way ,Modular switch	125.02	No.
	f) S&F of 6A Modular plug socket	145.16	No.
	g) S&F of 16A, 1way Modular switch	176.20	No.
	h) S&F of 16A, Modular plug socket	205.57	No.
	i) S&F of pendent/ angle/ batten holder	32.72	No.
	j) S&F of 5/15 A plug top	61.37	No.
	k) S&F of AC plug top	146.84	No.
	l) S&F of 5-in-one combined switch & socket set, Anchor	169.88	No.
	m) S&F of double swan neck bracket	282.83	No.
	n) S&F of LED bulkhead fitting	1552.27	No.
	o) S&F of ceiling rose	29.37	No.
	p) S&F of 10A fuse base & grip	37.36	No.
		16.90	No.
06.	a) S&F of round block	36.47	No.
	b) S&F of 6"x4" wooden board	62.26	No.
	c) S&F of 8"x10" wooden board	66.71	No.
	d) S&F of 8"x12" wooden board	51.59	No.
	e) S&F of 8"x6" wooden board	31.13	No.
	f) S&F of 4"x4" wooden board	1.68	Sq.inch
	g)S&F of acrylic/ bakelite cover for switch board.	94.28	No.
	h) S&F of call bell (ordinary),Anchor,equivalent	347.72	No.
	i) S&F of call bell (special)Anchor,equivalent	861.81	No.
	j) S&F of call bell (remote)Anchor,equivalent		
07.	a) Wiring for light/ fan/ call bell points with copper conductor, PVC sheathed wire, single core, through PVC casing capping with 5A switch, complete as per direction of EIC.	603.91	No.
	b) 5A plug point wiring with copper wire(separate board)	284.61	No.
	c) -do- (on board)	69.37	No.
	d) Ckt. Wiring with 1.5 sq. mm Cu. wire (as per PWD schedule)	89.83	Mtr.
	e) Ckt. Wiring with 2.5 sq. mm Cu. wire (as per PWD schedule)	108.51	Mtr.
	f) Ckt. Wiring with 4.00 sq. mm Cu. wire (as per PWD schedule)	130.74	Mtr.
	g) S&F PVC casing capping (Precision/ Presto) on surface as per PWD schedule, size (20x10)mm	33.80	RM
	h) S&F PVC casing capping (Precision/ Presto) on surface as per PWD schedule, size (25x10)mm	36.47	RM
	i)Extension cord, 3-pin, 3mtr., Anchor.	407.35	No.
	j) S&F of special switch board with 15A & 5A plug socket, for computer / other similar type of requirement (3 nos. socket with switches and fuse, tops and 3mtrs. of cable).	707.08	No.
08.	a) S&F double door SPN MCBDB, concealed/ on iron frame (S&F)/ on wooden board (S&F) with damage mending Legrand 2+4 way	1270.08	No.
	b) S&F double door SPN MCBDB, concealed/ on iron frame (S&F)/ on wooden board (S&F) with damage mending Legrand 2+8 way	1582.26	No.
	c) S&F double door SPN MCBDB, concealed/ on iron frame (S&F)/ on wooden board (S&F) with damage mending Legrand 2+12 way	1884.66	No.

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Sl.no	Item Description	Rate(Rs.)	Unit.
	d) S&F double door SPN MCBDB, concealed/ on iron frame (S&F)/ on wooden board (S&F) with damage mending Standard 2+4 way	927.66	No.
	e) S&F double door SPN MCBDB, concealed/ on iron frame (S&F)/ on wooden board (S&F) with damage mending Standard 2+6 way	1076.19	No.
	f) S&F double door SPN MCBDB, concealed/ on iron frame (S&F)/ on wooden board (S&F) with damage mending Standard 2+8 way	1171.35	No.
	g) S&F double door SPN MCBDB, concealed/ on iron frame (S&F)/ on wooden board (S&F) with damage mending Standard 2+12 way	1492.43	No.
	h) S&F double door TPN horizontal MCBDB, concealed/ on iron frame (S&F)/ on wooden board (S&F) with damage mending, Legrand 4 way	3064.91	No.
	i) S&F double door TPN horizontal MCBDB, concealed/ on iron frame (S&F)/ on wooden board (S&F) with damage mending, Legrand 6 way	3768.43	No.
	j) S&F double door TPN horizontal MCBDB, concealed/ on iron frame (S&F)/ on wooden board (S&F) with damage mending, Standard 4 way	2494.80	No.
	k) S&F double door TPN horizontal MCBDB, concealed/ on iron frame (S&F)/ on wooden board (S&F) with damage mending, Standard 6 way	2912.82	No.
09.	a)Checking, cleaning any type light fitting/ any type of fan /any other electrical item and testing.etc.	33.56	No.
	b) Checking & cleaning of inverter incl. supply of H ₂ SO ₄ & distilled water to maintain proper specific gravity & supply & fixing of small required items	355.76	No.
	c) Labour charges for checking, cleaning of street light fitting with scaffolding, including rectifying the defects for upto 12mtr. height.	188.56	No.
	d)Checking, cleaning, sealing & greasing of all switches thoroughly of entire installation – indoor/outdoor type main feeder/ sub feeder boxes, main switches & different switches, MCBDBs in every switch room for smooth running as well as for safeguarding the installation from any breakdown.	268.50	No.
	e) Labour supply for checking, cleaning,testing of solar pannel and solar controller. Office building	500.50	No.
	f) Labour supply(unskilled) for cleaning of switch room & surrounding places of M.F.B. & S.F.B. and for different installations as per direction of EIC.	413.60	No.
	g) Supply of skilled electrician & helper to look after any type of breakdown job wherever necessary as per direction of EIC.	955.90	No.
	h) Supply of technician – cum – pump operator to look after the pumps at Bidhannagar Officers' Residential Complex including repair & replacement against occurrence of any minor breakdown as and when necessary.	455.40	No.
	i)cleaning , washing, of Fountain including testing ,checking.etc	2517.20	No.
	j)Checking, defect repairing and cleaning of glow sign boards.	329.97	No.

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Sl.no	Item Description	Rate(Rs.)	Unit.
10.	a) S&F of 1.5 mm ² PVC single core copper wire through PVC casing/on Regid conduit etc. as per requirement at site.	16.01	Mtr.
	b) S&F of 2.5 mm ² PVC single core copper wire through PVC casing/ on Regid conduit etc. as per requirement at site.	26.68	Mtr.
	c) S&F of 4.00 mm ² PVC single core copper wire through PVC casing/ on Regid conduit etc. as per requirement at site.	37.36	Mtr.
	d) S&F of 6.00 mm ² PVC single core copper wire through PVC casing/ on Regid conduit etc. as per requirement at site.	61.37	Mtr.
	e) S&F of 10.00 mm ² PVC single core copper wire through PVC casing/ on Regid conduit etc. as per requirement at site.	153.51	Mtr.
	f) S&F of 16.00 mm ² PVC single core copper wire through PVC casing/ on Regid conduit etc. as per requirement at site.	235.13	Mtr.
	g) S&F of 25.00 mm ² PVC single core copper wire through PVC casing/ on Regid conduit etc. as per requirement at site.	359.10	Mtr.
) S&F of flexible wire, twin core copper.	13.34	Mtr.
	f) Supply & drawing of 2.5 sq. mm, 3 core PVC flexible copper wire./ cable	123.94	Mtr.
	g)Supply& drawing of 4.00 sq. mm, 3 core PVC flexible copper wire./cable	230.74	Mtr.
11.	a)S&F of 4' LED batten Lumen 2500 Philips (Smart Bright BN021 LED 25S 6500PSU GR S1)/equivalent	754.36	No.
	b) S&F of 2' LED batten Lumen 1000 Philips (Smart Bright BN021 LED 10S 6500PSU GR S1)/ equivalent	541.65	No.
	c)Supply at the work site of 25W LED up light & down light integrated indoor luminaire suitable for relax mode and work mode complete with all accessories for proper functioning of supplied light fittings. Make: Philips (Twin Glow) / Equivalent from Crompton / Bajaj / Wipro.	2309.23	No.
	d) S&F of recessed mounted LED 7watt Round/Square DuraSlim downlighter and recessed in ceiling board etc and mending good the damages to original finish. Model-7W DuraSlim,Round,/ Square 6500k/4000K/3000K ,1260lm, Make-Philips. /Equivalent of Crompton/Bajaj.	1127.90	No.
	e) S&F of recessed mounted LED 12watt Round/ Square DuraSlim downlighter and recessed in ceiling board etc and mending good the damages to original finish. Model-12W DuraSlim,Round/ Square, 6500k/4000K/3000K ,1260lm, Make-Philips, Equivalent of Crompton/Bajaj.	1382.00	No.
	f) S&F of recessed mounted LED 15watt Round/ Square DuraSlim downlighter and recessed in ceiling board etc and mending good the damages to original finish. Model-15W,DuraSlim,Round/ Square,6500k/4000K/3000K ,1575lm, Make-Philips, Equivalent of Crompton/Bajaj.	1720.80	No.
	g) Supply and fixing of metallic CRCA power coated energy efficient recessed mounted LED luminaire suitable for 2'x2' grid ceiling having nominal lumen output 3600 lumens. The luminaire is IP20 complaint and suitable for 220V-240V at 50/60 Hz. Make-	3896.00	

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Sl.no	Item Description	Rate(Rs.)	Unit.
	Philips(cat. No; RC380B LED 36S-6500 G6 L60 W60 PSU OD/ Equivalent of Crompton/Wipro		No.
	h) Supply & fixing of complete set for proper functioning of 4' 20W (or equivalent) single LED tube with mounting rail and IP 20 protection. Make-Philips (TMC 501 P 1x T-22W P4341)/ Equivalent from Crompton/Wiprp/Bajaj.	473.58	No.
	i) supply at the work site of street lighting luminaire (complete set to ensure proper functioning) with high power LED and unique peanut lens with choice of optic to ensure uniform distribution. Make- Philips, model- BRP031 LED45 CW MR PSU GR DX/ equivalent from Crompton/Bajaj.	3850.00	No.
	j) supply at the work site of street lighting luminaire (complete set to ensure proper functioning) with high power LED and unique peanut lens with choice of optic to ensure uniform distribution. Make- Philips, model- BRP032 LED70 CW MR PSU GR DX/equivalent from Crompton/Bajaj.	5390.00	No.
	k) Supply at the work site of LED flood light fitting having high pressure die cast aluminium housing , ingress protection level IP66, lumen out put 23500 lm , wattage 195W. Make Philips, Model- BVP483 LED235 CW SMB PSU GR, SPD. Equivalent from Crompton/Bajaj	19250.00	Set
	l) S&F of 1x40 watt FL patty fitting complete with all accessories.	448.26	No.
	m) Fixing only fluorescent light fitting suspended 25cm below the ceiling with 2nos. 20mm dia EI conduit (14SWG) supports incl. S&F EI conduit ball socket / socket type ceiling plate and connecting the length by PVC insulated wire and painting etc. as required by 1.5 sq. mm flexible copper wire of 1.10 mt. length	213.45	No.
	n) Extra for suspension exceeding 25cm with S&F additional 2nos. 20mm dia EI conduit (14SWG) supports and necy. PVC insulated wire and painting etc. as required by 1.5 sq. mm flexible copper wire of 1.10 mt. length.	166.73	No.
	o) Fixing outdoor Fluorescent / SV/MV/ other type light fitting on pole/ wall/ any type of surface as per PWD Item, Pg.H5, Item H (3	1422.54	No.
12.	a) S&F of 1200mm sweep AC ceiling fan with all accessories, Usha(Striker)/equiv. Polar/equivalent Orient. With safety wire & P2 capacitor.	2323.47	No.
	b) S&D of 400/500 mm sweep heavy duty (high speed) pedestal fan make-Usha/Crompton/Orient (Farrata/Helix pro) or equivalent	5156.80	No.
	c) S&D of 400mm sweep pedestal fan. Make: Usha/Orient/Crompton (Maxx air ultra/Mist air duos/Max air flo) or equivalent	3740.00	No.
	d) S&F of 300mm, 900rpm heavy duty exhaust fan, Usha/EPC/Polar	4831.20	No.
	e) S&F of 230mm, 1325 rpm exhaust fan Usha/Bajaj/ equivalent. make - Usha/Orient/Crompton or equivalent	2534.82	No.
	f) S&F of 400mm wall/ cabin fan, Make- Usha/ orient/Crompton. Maxx air ultra/Mist air duos/Mist air flo, or equivalent	3088.80	No.
	g) S&F of 400mm high speed wall/ bracket fan Make-		

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Sl.no	Item Description	Rate(Rs.)	Unit.
	Usha/Crompton/Orient ,Helix pro,or equivalent.	4584.79	No.
	h)S&F of Al. gravity louver of required size	329.97	No.
	i)Hole cutting for exhaust fan of required size	282.83	No.
	j) Fixing of ceiling fan (shifting is included if required)	47.14	No.
	k)S&F of ceiling fan down rod of 900mm.	131.63	No.
	l) S&F of fan hook	133.41	No.
13.	a) S&F of 15A ICDP switch (Standard/Indo Asian or equiv.)	560.33	No.
	b) S&F of 30A ICDP switch (Standard/Indo Asian or equiv.)	1319.89	No.
	c) S&F of 32A ICTPN switch (Standard/Indo Asian or equiv.)	3716.85	No.
	d) S&F of 63A ICDP switch (Standard/Indo Asian or equiv.)	2715.37	No.
	e) S&F of 63A ICTPN switch, double break, HRC type-do-	5656.65	No.
	f) S&F of 100A ICTPN switch, double break, HRC type-do	8484.98	No.
	g)S&F with all required items of 63A, FP, 415volt COS	5562.38	No.
	h) S&F of cable entry box for (63-200) A capacity installations	659.94	No.
14.	a) S&F of 15A cut-out (fuse base with grip)	71.15	No.
	b) S&F of 30A cut-out (fuse base with grip)	112.96	No.
	c) S&F of 63A cut-out (fuse base with grip)	207.23	No.
	d) S&F of 30A HRC fuse	96.06	No.
	e) S&F of 60A HRC fuse	170.77	No.
	f) S&F of 100A HRC fuse	201.90	No.
	g) S&F of 30A HRC cut-out(fuse base with grip)	183.22	No.
	h) S&F of 63A HRC cut-out(fuse base with grip)	294.40	No.
15.	a) S&F of MCB 6-32A, Legrand	205.45	No.
	b) S&F of MCB 6-32A, Standard	156.91	No.
	c) S&F of 20/30A 3/5 pin metal plug with socket	1296.76	No.
	d) S&F MCB Isolator, Legrand 32A DP	346.87	No.
	e) S&F MCB Isolator, Legrand 40A DP	376.22	No.
	f) S&F MCB Isolator, Legrand 63A DP	497.18	No.
	g) S&F MCB Isolator, Legrand 32A FP	673.28	No.
	h) S&F MCB Isolator, Legrand 40A FP	835.16	No.
	i) S&F MCB Isolator, Legrand 63A FP	913.43	No.
	j) S&F MCB Isolator, Legrand 100A FP	973.13	No.
	k) S&F MCB Isolator, Standard 40A DP	303.29	No.
	l) S&F MCB Isolator, Standard 63A DP	388.67	No.
	m) S&F MCB Isolator, Standard 40A FP	693.74	No.
	n) S&F MCB Isolator, Standard 63A FP	700.86	No.
	o) S&F MCB Isolator, Standard 100A FP	932.10	No.
	p)S&F of 20/25A modular motor starter for AC, North West/ Anchor/Havells/standard	709.01	No.
	q) S&F of Time Switch of L&T make	2849.07	No.
	r) S&F of contactor set ML-2/MNX, L&T make	3016.88	No.
	s) S&F of contactor set ML-4,/MNX, L&T make	6449.12	No.
16.	a) S&F of geyser copper element (2KW)	1279.58	No.
	b) charges for installation of geyser with checking, testing etc.		

Estimate for annual maintenance of electrical works and Air Conditioners within City Centre and other places for one year (2023-24).

Sl.no	Item Description	Rate(Rs.)	Unit.
	including S&F of load bearing nut-bolts.	1090.79	No.
	c)S&F of PVC connector pipe for geyser.	163.62	No.
	d)S&F of Thermostat for geyser.	478.27	No.
	e) S&F of heater porcelain base	37.36	No.
	f) S&F of heater connector	24.01	No.
	g) S&F of heater brass pin	9.78	No.
	h) S&F of heater coil 1000/1500 watt	37.36	No.
	j) S&F of heater (new) 1000/1500 watt	204.56	No.
17.	a)Supply& drawing of 2cx4 sq. mm /XLPE cable of 1.1KV grade of Asian/ Crystal/ Havells/ KEI with suitable saddling arrangement by supplying all the necessary items to complete the work in all respect including painting as per direction of EIC.	120.07	No.
	b) Supply of 2cx10 sq. mm PVC/SWA/PVC (or XLPE) cable at the work site.	171.71	Mtr.
	c) supply of 4cx16 sq.mm PVC/SWA/PVC (or XLPE) cable at the work site.	261.80	Mtr.
	d) Laying of PVC cable after cutting trenches of size 300mm/450mm x 750mm/900mm with sand and brick (8 nos. /mtr.)protection to the laid cable including restoration of ground in previous like condition. The entire work to be completed as per direction & satisfaction of EIC.	155.74	Mtr.
	e) Removal of cable from existing trench with proper care.	35.58	Mtr.
	f) Drawing of armoured PVC/XLPE cable on wall/ surface or as per requirement at site (S&F of all required items to draw cable is included in this item).	53.13	Mtr.
	g)Painting of MFB/SFB, scrapping, three coat painting as per departmental instruction	1319.89	Set
	h) Painting of steel tubular pole with arm for upto 9mtr. long pole. Removal of old paint, rust etc. New painting: Single coat of synthetic red lead and two coats of synthetic enamel as per direction of EIC.	317.88	No.
	i) –Do- for poles having height above 9mtr	374.06	No.
	j)Painting of 12mtr. long pole with luminaire brackets as per instruction of EIC for EPIP or similar application.	711.53	No.
	k)Jack pushing for road crossing including necessary GI pipe.	784.02	Set
	l)Pole muffing of size 450mm x 450mm, complete	424.25	No.
	m)S&F of pole fuse box (400x150x150) mm with 32A cut-out , terminal block, clamps, painting etc. complete.	612.80	No.
	n) Erection of steel tubular pole (upto 9mtr.) with supply of all required materials & muffing as per direction of EIC ,as per PWD schedule.	2837.22	No.
	o) Erection of steel tubular pole (above 9mtr.) with supply of all required materials & muffing as per direction of EIC ,as per PWD schedule.	3340.63	No.
	p)Removal of steel tubular pole and deposition at store.	707.08	No.
18.	a)Earthing with perforated type CI plate electrode of size 2'x2'x1/2" as per direction of EIC by following IE rules.	1833.08	Set

Estimate for annual maintenance of electrical works and Air Conditioners within City Centre and other places for one year (2023-24).

Sl.no	Item Description	Rate(Rs.)	Unit.
	b) Supply drawing of extra length of ECC with 6SWG GI wire on surface.	18.68	Mtr
	c) S&F of GI pipe for cable protection (50mm).	350.43	Mtr.
19.	a) Cable Glandings 2cx4 sq. mm	61.37	Each.
	b) Cable Glandings 2cx6 sq. mm	67.60	Each.
	d) Cable Glandings 2cx10 sq. mm	111.18	Each.
	e) Cable Glandings 2cx16 sq. mm	111.18	Each.
	f) Cable Glandings 2cx25 sq. mm	128.96	Each.
	g) Cable Glandings 4cx16 sq. mm	128.96	Each.
	h) Cable Glandings 3.5cx25 sq. mm	156.54	Each.
	i) Cable Glandings 3.5cx35 sq. mm	158.32	Each.
	j) Cable Glandings 3.5cx50 sq. mm	192.99	Each.
	k) Cable Glandings 3.5cx70 sq. mm	209.77	Each.
	l) Cable Glandings 3.5cx95 sq. mm	270.38	Each.
	m) Cable Glandings 3.5cx 120 sq. mm	270.38	Each.
	n) Cable Glandings 3.5cx 150 sq. mm	297.06	Each.
	o) Cable Glandings 3.5cx 185 sq. mm	394.01	Each.
	p) Cable Glandings 3.5cx240 sq. mm	432.25	Each.
	q) Cable Glandings 3.5cx300 sq. mm	520.31	Each.
20.	a) Cable termination/ finishing cable ends 2cx4 sq. mm	30.24	Each.
	b) Cable termination/ finishing cable ends 2cx6 sq. mm	31.13	Each.
	d) Cable termination/ finishing cable ends 2cx10 sq. mm	33.80	Each.
	e) Cable termination/ finishing cable ends 2cx16 sq. mm	56.03	Each.
	f) Cable termination/ finishing cable ends 2cx25 sq. mm	66.71	Each.
	g) Cable termination/ finishing cable ends 4cx16 sq. mm	92.50	Each.
	h) Cable termination/ finishing cable ends 3.5cx25 sq. mm	109.40	Each.
	i) Cable termination/ finishing cable ends 3.5cx35 sq. mm	154.76	Each.
	j) Cable termination/ finishing cable ends 3.5cx50 sq. mm	203.68	Each.
	k) Cable termination/ finishing cable ends 3.5cx70 sq. mm	257.93	Each.
	l) Cable termination/ finishing cable ends 3.5cx95 sq. mm	306.85	Each.
	m) Cable termination/ finishing cable ends 3.5cx 120 sq. mm	378.89	Each.
	n) Cable termination/ finishing cable ends 3.5cx 150 sq. mm	434.92	Each.
	o) Cable termination/ finishing cable ends 3.5cx 185 sq. mm	552.32	Each.
	p) Cable termination/ finishing cable ends 3.5cx240 sq. mm	727.54	Each.
	r) Cable termination/ finishing cable ends 3.5cx300 sq. mm	908.98	Each.
21.	a) Charges for thorough cleaning, checking and servicing of all the parts of Air Conditioner m/c as per direction of EIC.	848.50	No.
	b) Supply, fitting, testing of running capacitor for Air Conditioner m/c.	541.65	No.
	c) Supply, fitting, testing of starting capacitor for Air Conditioner m/c.	400.23	No.
	d) Installation of window type air conditioner with wooden frame, masonry work & testing.	848.50	No.
	e) Installation of split type air conditioner with all required works & testing.	1272.75	No.
	f) Gas filling for split/window type air conditioner.(R-32)	3500.00	No.

Estimate for annual maintenance of electrical works and Air Conditioners within City Centre and other places for one year (2023-24).

Sl.no	Item Description	Rate(Rs.)	Unit.
	g) Gas filling for split /window type air conditioner. (R-22)	1508.44	No.
	h) Gas filling (partial) for split/window type air conditioner.	942.27	No.
	i) Water leakage repair of air conditioner.	314.65	No.
	j) S&F of copper tubes of required size with insulation.	1200.00	mtr.
	k) S&F of steel caging for air conditioner.	1131.33	No.
	l) Blower motor rewinding.	942.27	No.
	m) Compressor repairing including rewinding.	4242.49	No.
	n) Relay replacement.	565.67	No.
	o)Dismantling the existing A.C machine with proper care.	1089.11	No.
	p) S&F of MS bracket for outdoor unit.	1048.83	No.
	q)S&F of PVC drain pipe 20/25mm.	50.34	Mtr.
	r) S&F of swing motor for A.C machine.	1147.84	No.
	s)S&F of New remote for A.C machine.	1300.55	No.
	t)S&F of Circuit board for A.C machine	1560.66	No.
	u) S&F of outdoor fan blade for split A.C.	812.22	No.
	v) Labour attend for A.C machine.	251.72	No.
	w)S&F of New Compressor for 2Ton capacity.	12223.53	No.
	X)S&F of New Compressor for 1.5 ton capacity	11654.64	No.
	t) S&F of insulation	54.54	Mtr.

GST @ 18% and LW Cess @ 1% to be added

Note: Only 15% of the combined rate of supply & fixing /Installation /erection of a particular item shall be paid as labour charges if the concerned items is supplied departmentally & the contractor is asked to fix/install/ erect the supplied item.

Prepared by
SAE(Elect.)

[Signature]
05/02/2024

Checked & Appvd. by
Executive Engineer (Elect.)

[Signature]
05.02.2024

Executive Engineer (Elect.)
Asansol Durgapur Development Authority