



Asansol Durgapur Development Authority

(A Statutory Body of the Government of West Bengal)

Asansol Office: Vivekananda Sarani, (Senraleigh Road), Near Kalyanpur Housing More, Asansol -713305

Phone no: (0341) 225-7377, 225-7378; Fax: (0341)-225-7379

Durgapur Office: 1st Administrative Building, City Centre, Durgapur-16

Phone no: (0343) 254-6815, 254- 6716, 254-6889; Fax: (0343) 254-6665, 254-5793

Website: www.addaonline.in

e-mail: ceo_adda@yahoo.com , ceoadda.ud@gmail.com, adda.asl@gmail.com , adda.dgpr@gmail.com

Memo. No. - ADDA/ASN/ED/N-48(2016-17)/ 480

Date:- 7/09/16

E-NOTICE INVITING TENDER NO.-48 OF 2016-2017

THE EXECUTIVE ENGINEER, ADDA, ASANSOL.

For and on behalf of ADDA, The Executive Engineer, ADDA, Asansol, invites percentage rate e-Tender for the work detailed in the table below. (Submission of Bid through online).

Sl. No.	Name of Work	Amount Put to Tender (Rs.)	Earnest Money (Rs.)	Period of Completion	Price of Technical, Financial Bid documents and others Annexure(Rs)	Defect liability period	Eligibility of Contractor
1.	"Routine annual maintenance of electrical items of work including pump set within ADDA Office, Guest House, Office cum Commercial Complex, Staff Quarters, Industrial Estate and other areas at Asansol for the year 2016-17".(2 nd call)	10,00,000.00	20,000.00	1 (One) Year	1000.00 (Only applicable for the Successful Tenderer at the time of formal Agreement)	1(ONE) YEAR	Bonafide Resourceful Electrical licensed with Supervisor holding Supervisor competency on the parts 1, 2, 6 (A, B) as per I.E Rules. credential please follow the instruction as per sl. no 4 (Notification no. 04-A/PW/0/10C-02/14 dated 18.03.2015 Govt. Of WB).

- In the eve of e-Filling intending Tenderer may download the tender document from the website directly by the help of Digital Certificate and necessary cost of tender document may be remitted through demand draft / pay order issued from any nationalized bank in favour of Asansol Durgapur Development Authority payable at Asansol and same may be documented along with **earnest** money through e-Filling, (Details of which has been narrated in "Instruction of Tenderers")
- As per notification no.- 199-CRC/2M-10/2012 dt.21.12.2012 of the Secretary, Govt. of West Bengal, the intending tenders shall not have to pay the cost of tender documents in case of participation in e-tender except the lowest tenderer at the time of formal agreement.
- Earnest Money @2% of the Estimated Amount put to tender shall be deposited as a soft copy (scanned copies of the originals) in the shape of Demand Draft / Pay Order draw in favour of Asansol Durgapur Development Authority of any Nationalized Bank payable at Asansoland in case of deposit of money it should compulsorily be deposited on-line by the bidders. The L1 bidder shall submit the hard copy of the documents to the tender inviting authority with his acceptance letter of the LOI. Failure to submit the hard copy with the acceptance letter within the time period prescribed for the purpose may be construed as an attempt to disturb the tendering process and dealt with accordingly legally including blacklisting of the bidder.** Both technical Bid and Financial Bid will have to be submitted concurrently duly digitally signed in the Website <https://wbtenders.gov.in> Tender document may be downloaded from website and submission of Technical Bid / Financial Bid will be done as per Tender Schedule stated in Sl.No. - 10. The documents submitted by the Tenderers should be properly indexed and be self attested with seal.

4. **Eligibility criteria for participation in tender :**

- i) For Sl. Nos.-1 the prospective Tenderers shall have satisfactorily completed as a prime agency.
- A. Intending tenderers should produce credentials of a similar nature of completed work of the minimum value of 30% of the estimated amount put to tender during 5(five) years prior to the date of issue of the tender notice ; or,
- B. Intending tenderers should produce credentials of 2(two) similar nature of completed work, each of the minimum value of 25% of the estimated amount put to tender during 5(five) years prior to the date of issue of the tender notice ; or,
Intending tenderers should produce credentials of one single running work of similar nature which has been completed to the extent of 75% or more and value of which is not less than the desired value a(i) above;

In case of running works, only those tenderers who will submit the certificate of satisfactory running work from the concerned Executive Engineer, or equivalent competent authority will be eligible for the 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. (As per notification no.04-A/PW/0/10C-02/14 dated 18.03.2015 Govt. Of WB).

N.B.:- Estimated amount, Date of completion of project and detail communicational address of Client must be indicated in the Credential Certificate.

ii) **Pan Card, Professional Tax Certificate ,Trade License, VAT Registration Certificate, P.F. registration Certificate, E.S.I. registration Certificate and Bank solvency Certificate (25% of estimated amount put to tender and not more than one year old), Bank Account Details of the Bidder to be submitted with the Technical Bid document. Income Tax (Saral) Acknowledgement Receipt for two consecutive years to be submitted i.e. the Assessment year 2014-15&2015-16. All taxes shall be deducted from all types of Bill. Challan of VAT, P.T., PF&ESI issued within previous Six months from the month of floating of e-NIT has to be submitted.**

- iii) The partnership firm shall furnish the registered partnership deed and the company shall furnish the Registered Article of Association and Memorandum.
- iv) Registered Unemployed Engineers' Co-operative Societies / Unemployed Labour Co-operative Societies are required to furnish valid Bye Law, Valid Register Certificate issued by the Co-operative Department. Current Audit Report, Annual General Meeting of 2013-2014 along with other relevant supporting papers.
- v) Where there is a discrepancy between the rate in figures and words the rate in words will govern.
- vi) 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.
- vii) Any change of BOQ will not be accepted under any circumstances.
- viii) No Joint venture Firm/ Consortium will be entertained.
- ix) Tenderers should note that conditional tender will be rejected without showing any reason for such rejection.

5. **Constructional Labour Welfare Cess @ 1 (one) %** cost of construction will be deducted from every Bill of the selected agency, VAT, Royalty and all other Statutory levy / Cess will have to be borne by the contractor and the rate in the schedule of rates inclusive of all the taxes and cess stated above.

6. The Agency must be quote their rate in Percentage above or below.

7. **No Mobilisation Advance and Secured Advance** will be allowed.

20. Before issuance of the work order, the tender inviting authority may verify the credential and other documents of the lowest tenderer if found necessary. After verification, if it is found that such documents submitted by the lowest tenderer is either manufacture of false in that case, work order will not be issued in favour of the lowest tenderer under any circumstances.
21. If any discrepancy arises between two similar clause on different notifications, the clause as started in later notification will supersede former one in following sequences :-
 - i) Prescribed ADDA tender form
 - ii) NIT
 - iii) Technical Bid
 - iv) Financial Bid
22. **All materials and also necessary tools & plants will be supplied by concerned agency for above mentioned workas per requirement. It is also mentioned that full charge concrete mixture machine mounted with hopper and niddle vibratos of size 40mm dia&60mm dianozel must be supplied by the agency.**
23. Prospective Tenderers shall have to execute the work in such a manner so that appropriate service level of the road shall have to be maintained both during progress of work and also during the Defect liability period from the date of successful completion of the work as per **Clause-17** of Prescribed ADDA tender form.
24. **Prospective Tenderer whether himself must not have failed to execute any work under any of this Directorate and has got this tender terminated consequently or any of his Partner or Director not have been his tender terminated by any of the Directorate Offices P.W.D. during the preceding five (5) years w.e.f date of this e-N.I.T. such termination of tender shall be disqualification for the concern tenderer for participating this tender.**
25. One affidavit before Notary will have to be submitted declaring that penalty, debarment etc. has not beenfaced by him under any Govt/Semi-Govt/Autonomous body/institution/local body in scanned soft copy along with credential documentswithin stipulated date & time.
26. All materials should be approved by E.I.C. and also as per requirement, the cost of testing and other incidental charges will be borned from end of the concerned executing Agency.

INSTRUCTION TO TENDERER

SECTION - A

1. General guidance for e-Tendering

Instructions / Guidelines for tenders for electronic submission of the tenders online have been annexed for assisting the contractors to participate in e-Tendering.

2. Registration of Contractor

Any contractor willing to take part in the process of e-Tendering will have to be enrolled and registered with the Government e-Procurement system; through logging on to <https://wbtenders.gov.in> (the web portal of West Bengal State Government) the contractor is to click on the link e-Tendering site as given on the web portal.

3. Digital Signature Certificate (DSC)

Each contractor is required Digital Signature Certificate (DSC) for submission of tenders, from the approved service provider of the National Information's Centre (NIC) on payment of requisite amount. Details are available at the said Web Site.

4. The contractor can search & download e-NIT & Tender Documents electronically from computer once he logs on to the website mentioned in Clause 2 using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

5. Submission of Tenders.

General process of submission, Tenders are to be submitted online through online the website stated in Clause 2 of section-A in two folders at a time for each work, one in Technical Proposal and the

other is Financial Proposal before the prescribed date and time using the Digital Signature Certificate (DSC) the documents are to be uploaded virus scanned copy duly Digitally Signed. The documents will get encrypted (transformed into non readable formats).

A. Technical proposal

The Technical proposal should contain scanned copies of the following further two covers (folders).

Folder-1 Contains

- I. Demand Draft / Pay Order towards earnest money (EMD) as prescribed in the e-NIT.
- II. Prescribed ADDA tender form.
- III. e- NIT.
- IV. Technical Bid (as prescribed in the e-NIT).

Folder-2 Contains

- I. Financial bid (BOQ)

Note: Failure of submission of any of the above mentioned documents as stated in as 'Folder-1&2' will render the tender liable to summarily rejected for both statutory & non-statutory cover.

B. Tender Evaluation Committee (TEC)

- i. Opening of Technical proposal :-

Technical proposals will be open by the Executive Engineer, ADDA, Asansol or his authorized representative electronically from the web site stated in Cl. No.-3of section-A. using their Digital Signature Certificate.

- ii. Folder-1.I (vide Cl. No.- 5 of section-A) should be open first & if found in order, Folder-I.II,III & IV (vide Cl. No.- 5of section-A) will be opened. If there is any deficiency in the documents, tender will summarily be rejected.
- iii. Decrypted (transformed in to readable formats) documents of the Folder-1 as per Cl. No. 5 of section-A. will be downloaded and handed over to the tender evolution committee.
- iv. Uploading of summary list of technically qualified tenderers.
- v. Pursuant to scrutiny and decision of the screening committee the summary list of eligible tenders of work will be uploaded in the web portals before 48 hours of opening of financial bid.
- vi. While evaluation the committee may summon of the tenders and seek clarification / information or additional documents or original hard copy of any of the documents already submitted and if these are not produced within the stipulated time frame, their proposals will be liable for rejection.
- vii. Intending tenderers may remain present if they so desire.

C. Financial Proposal

- i. The financial bid should contain the following documents in folder-2 i.e. Bill of quantities (BOQ) the contractor is to quote the rate (Presenting Above / Below / At per) online through computer in the space marked for quoting rate in the BOQ.
- ii. Only downloaded copies (".xls" file with same name) of the above documents are to be uploaded after virus scanned and Digitally Signed by the contractor.Intending tenderer may remain if they so.

6. Rejection of Bid

The Employee reserves the right to accept or reject any bid and to cancel the Tenderer process and reject all bids at any time prior to the award of contract without there by incurring any liability to

the affected Tenderer or Tenderers or any obligation to inform the affected Tenderer or Tenderers of the ground for Employee's action.

7. AWARD OF CONTRACT

The Tenderer whose Bid has been accepted will be notified by the Tender Inviting & Accepting Authority through acceptance letter.

The notification of award will constitute the formation of the Contract.

The Agreement in Prescribed ADDA tender form will incorporate all agreement between the Tender Accepting Authority and the successful Tenderer. All the tender documents including e-NIT & BOQ will be the part of the contract document.

- **Note :- Any Corrigendum and addendum will be published through ADDA website: www.addaonline.in**

D 07/09/16
Executive Engineer
Asansol Durgapur Development Authority
Asansol.
S

Memo No.:- ADDA/ASN/ED/ N-48(2016-17)/ 480(10)

Date: 7/09/16

Copy forwarded for information and necessary action please:-

1. The Hon'ble Chairman, ADDA.
2. The C.E.O., ADDA.
3. The A.D.M., Asansol.
4. The S.D.M., Asansol.
5. The A.E.O. ADDA, Asansol & Durgapur.
6. The F.O, ADDA, with a request to be present or send his representative during tender opening on specified date & time.
7. The Assistant Engineer (Electrical), ADDA, Asansol.
8. Notice Board, ADDA, Asansol.
9. Sri Pradip Banerjee (Durgapur) with the request to upload the same on ADDA website.
10. File Copy

D 07/09/16
Executive Engineer
Asansol Durgapur Development Authority
Asansol.
S

(To be filled in by the tenderer/Bidders & to be submitted with the technical bid)

ANNEXURE-I

Name of the Work/Tender:.....

1. N.I.T No. & Sl. No. with date :.....

2. Name of the contractor/ Agency/Bidder :.....

3. Address:

• Head Office :.....

• Branch Office :.....

:.....

• Correspondence Address :.....

:.....

:.....

4. Contact No.

• Mobile No. :.....

• Telephone No. :.....

• Fax No. :.....

• E-mail Address :.....

5. PAN No. :.....

6. VAT No./Regd. No. :..... Valid Up to.....

7. Sales Tax Registration :..... Valid up to.....

8. PF Registration No. :.....

9. ESI Registration No. :.....

10. List of Credential Submitted with the Tender Documents in technical part :-

i.

ii.

iii.

iv.

Name of the Contractor/tenderer

Full Signature of
the authorized signatory.

Initial of contractor/Tenderer

Annexure – A

Schedule for items of works with their rates and specification for the work “Routine annual maintenance of electrical items of work including pump set within ADDA Office, Guest House, Office cum Commercial Complex, Staff Quarters , Industrial Estate and other areas at Asansol for the year 2016-17”.

Sl. No.	Description of items	Rate (Rs)	Unit
01.	a) Rewinding of AC Ceiling /Exhaust / wall fan	503.00	No.
	b) S & F of new condenser	70.00	No.
	c) S&F of bearing	233.00	No.
	d) S&F of new regulator	95.00	No.
	e) S & F of new bush.	90.00	No.
	f) Overhauling of ceiling /pedestal/bracket fan	100.00	No.
02.	a) S& F of 20/40 watt tube lamp.	65.00	No.
	b) S & F 20/40 Watt FL Choke	180.00	No.
	c) S & F of 40 Watts 220 V Startar.	21.00	No.
	d) S & F 20 Watt 110 V Startar.	27.00	No.
	e) S & F of Tube lamp holder	30.00	No.
03.	a) S & F of 100 Watt lamp.	22.00	No.
	b) S & F of 0/40/60 watt lamp.	20.00	No.
	c) S & F of 200 Watta Lamp.	80.00	No.
	d) S & F of 9 -25 Watt PL lamp.	292.00	No.
	e) S & F of 5-8 Watt CFL Lamp.	133.00	No.
	f) S & F of 14 -23 Watt. CFL Lamp.	239.00	No.
	g) S & F of 75 Watt comptalux lamp.	220.00	No.
	h) S& F of LED Tube lamp 1200mm 15W	1375.00	No.
04.	a) S & F of 125 Watt MV Lamp	307.00	No.
	b) S & F of 250 Watt MV Lamp	689.00	No.
	c) S & F of 70 Watt SV / MH lamp.	769.00	No.
	d) S & F of 150 Watt SV / MH lamp.	901.00	No.
	e) S & F of 250 Watt SV/ MH lamp	1060.00	No.
	f) S & F of 400 Watt SV / MH lamp.	1696.00	No.
	g) S & F of SV / MH / MV condenser.	400.00	No.
	h) S & F of SV / MH Ignator	700.00	No.
	i)S&F of St.light/Flood light fittings Holdar	200.00	No.
	k) S & F of Post Top Cover	1961.00	No.
	05.	a) S & F of 125 Watt MV ballast	954.00
b) S & F of 250 Watt MV ballast		1378.00	No.
c) S & F of 70 Watt SV / MH ballast		1080.00	No.
d) S & F of 150 Watt SV / MH ballast		1643.00	No.
e) S & F of 250 Watt SV / MH ballast		1961.00	No.
f) S & F of 400 Watt SV / MH ballast		2756.00	No.
g) S & F of 9-25 Watt PL ballast		286.00	No.
06.	a) S & F of 5A Switch	32.00	No.
	b) S & F of pendent / Angle / batten Holdar	39.00	No.
	c) S & F of 5 A plug socket	37.00	No.
	d) S & F of 6A ,1 way Modular Switch	109.00	No.
	e) S & F of 6A , Modular Plug Socket	163.00	No.
	f) S & F of 15 Amps. Switch.	90.00	No.

Schedule for items of works with their rates and specification for the work "Routine annual maintenance of electrical items of work including pump set within ADDA Office, Guest House, Office cum Commercial Complex, Staff Quarters , Industrial Estate and other areas at Asansol for the year 2016-17".

Sl.No.	Description of items	Rate (Rs)	Unit
	g) S & F of 15A plug Socket	98.00	No.
	h) S & F of 5 / 15 A Plug Top	69.00	No.
	i)S &F of 5-in-one combined	191.00	No.
	j) S & F of Dwan neck bracket	318.00	No.
	k) S & F of Bulkhead fittings with CFL lamp.	848.00	No.
	l) S & F of Ceiling Rose	35.00	No.
	m) S & F of electronics regulator 450 Watt.	450.00	No.
	n) –same- dimmer type.	300.00	No.
07.	a) S & F of round block	17.00	No.
	b) S & F of 6" x 4 " wooden board	40.00	No.
	c) S & F of 8" x 10" wooden board	64.00	No.
	d) S & F of 8" x 12" wooden board	68.00	No.
	e) S & F of 8 " x 6 " wooden board	55.00	No.
	f) S & F of 4" x 4 " wooden board	35.00	No.
08.	a)Distribution of wiring for light / fan / call bell / exhaust fan etc. with PVC single core copper wire through PVC casing along with 5A switch & switch board etc.	679.00	No.
	b)5A plug point wiring with copper wire (separate board)	320.00	No.
	c)- same – on existing switch board.	78.00	No.
	d)Ckt wiring with 1,5 mm ² PVC Cu.wire (as per PWD Schedule)	101.00	Mt.
	e) Ckt wiring with 2,5 mm ² PVC Cu.wire (as per PWD Schedule	122.00	Mt.
	f) Ckt wiring with 4.0 mm ² PVC Cu.wire (as per PWD Schedule	147.00	Mt.
	g) S & F of PVC casing on surface as per PWD Schedule. Size (20 x 10) mm.	38.00	Mt.
	h) S & F of PVC casing on surface as per PWD Schedule. Size (25 x 10) mm.	41.00	Mt.
09.	Checking , cleaning any type light fittings/ fans / exhaust fans / or any other electrical items and testing.	40.00	No.
10.	a) S & F of Call bell (ordinary)	106.00	No.
	b) S & F of call bell (special)	212.00	No.
	c) S & F of remote call bell.	583.00	No.
11.	a) S & F of special switch board with 3 sets of 5 Amps. Switch & socket with fuse ,tops and 3 mtr.of cable for the use of computer.	795.00	No.
	b) S& F of double door SPN MCB on wooden board or in MS frame with damage mending 2 + 4 way.	1428.00	No.
	c)S & F of TPN horizontal MCBDBs on wooden board or in MS frame with mending good the damages 4 way	4440.00	No.

Schedule for items of works with their rates and specification for the work "Routine annual maintenance of electrical items of work including pump set within ADDA Office, Guest House, Office cum Commercial Complex, Staff Quarters , Industrial Estate and other areas at Asansol for the year 2016-17".

Sl. No.	Description of items	Rate (Rs)	Unit
	d) S & F of 9-25 Watt PL fittings.	875.00	No.
	e) End joint of cable 2 c x 4 mm ² and upto 2c x 10 mm ² for Al.cable PVC/SWA/PVC or XLPE.	90.00	No.
	f) End joint of cable 2 c x 16 mm ² and upto 2c x 25 mm ² for Al.cable PVC/SWA/PVC or XLPE.	112.00	No.
	g) End joint of cable 3.5 c x 25 mm ² and upto 3.5c x 50 mm ² for Al.cable PVC/SWA/PVC or XLPE.	370.00	No.
	h) End joint of cable 3.5 c x 70 mm ² and upto 3.5c x 95 mm ² for Al.cable PVC/SWA/PVC or XLPE.	700.00	No.
	i) End joint of cable 3.5 c x 120 mm ² and upto 3.5c x 185 mm ² for Al.cable PVC/SWA/PVC or XLPE.	950.00	No.
	j) S & F of GI pipe 50 mm dia for cable protection	383.00	Mt.
12.	Labour Charges for checking, cleaning of street light fittings with scaffolding , including rectifying the defects for upto 12 mtr. Height.	220.00	No.
13.	a) S & F of PVC single core copper wire 1.5 sq.mm	14.00	Mt.
	b) S & F of PVC single core copper wire 2.5 sq.mm	23.00	Mt.
	c) S & F of PVC single core copper wire 4.0 sq.mm	33.00	Mt.
	d) S & F of PVC single core copper wire 6.0 sq.mm	49.00	Mt.
	e) S & F of PVC single core copper wire 10.0 sq.mm	96.00	Mt.
	f) S & F of PVC twin core Al. wheather proof wire of size 2.5 sq.mm	22.00	Mt.
	g) S & F of PVC twin core Al. wheather proof wire of size 4.0 sq.mm	36.00	Mt.
	h) S & F of PVC twin core Al. wheather proof wire of size 6.0 sq.mm	48.00	Mt.
	i) S & F of flexiable wire twin core copper	24.00	Mtr.
	j) S & F of acrylic / bachelite cover for switch board	2.00	Sq.inch.
14.	a) S & F of 15 A ICDP switch	630.00	No.
	b) S & F of 32A ICDP switch	1484.00	No.
	c) S & F of 32 A ICTPN switch.	4179.00	No.
	d) S & F of 63A ICDP switch	3710.00	No.
	e) S & F of 63A ICTPN double break switch	6360.00	No.
	f) S & F of 100A ICTPN double break switch	9540.00	No.
	g) S & F of 200A ICTPN double break switch	16340.00	No.
	h) S & F of 200 A, FP Change over switch.	17665.00	No.
15.	a) S & F of 15 A cutout (fuse base with grip)	100.00	No.
	b) S & F of 30 A cutout (fuse base with grip)	215.00	No.
	c) S & F of 63 A cutout (fuse base with grip)	350.00	No.
	d) S & F of 100A cutout (fuse base with grip)	720.00	No.
	e) S & F of 200A cutout (fuse base with grip)	1445.00	No.

Schedule for items of works with their rates and specification for the work "Routine annual maintenance of electrical items of work including pump set within ADDA Office, Guest House, Office cum Commercial Complex, Staff Quarters , Industrial Estate and other areas at Asansol for the year 2016-17".

Sl. No.	Description of items	Rate(Rs)	Unit
16.	a) S & F of 30A HRC Fuse	112.00	No.
	b) S & F of 60A HRC fuse	192.00	No.
	c) S & F of 100 A HRC fuse	227.00	No.
	d) S & F 30 A HRC Cutout	220.00	No.
	e) S & F of 63 A HRC cutout	331.00	No.
17.	a) S & F of SP MCB 6-32A	231.00	No.
	b) S & F of 40A DP Isolator	380.00	No.
	c) S & F of 63A DP Isolator	485.00	No.
	d) S & F of 40A FP Isolator	875.00	No.
	e) S & F of 63A FP Isolator	1200.00	No.
18.	a) S & F of 1 x 40W FL fittings complete with all accessories & tubes of Philips make, TMC 21/140	1250.00	No.
	b) S & F of 1 x 40 W outdoor type street light fittings complete set of Philips make, HGS 120 1 x TL D-36W with 1mtr. Length GI bend pipe & MS clamp.	2629.00	No.
	c) S & F of LED street light fittings of Philips make , model no. BRP 409 LED CW 034 MR PC S1 PSU GR.	8550.00	No.
	d) S & F of 1x 40 W FL patty fittings complete with tube.	504.00	No.
	e) Fixing only FL light fittings suspended 25 cm below the ceiling with 2 nos. 20 mm dia EI conduit supports incl. S&F EI conduit ball socket / ceiling plate / check nut etc with connecting the length by PVC insulated wire & painting.	240.00	No.
	f) Extra for suspension exceeding 25 cm with S&F additional 2 nos. 20 mm dia EI conduit etc.	188.00	RM.
19.	Checking , cleaning , sealing & greasing of all switches thoroughly of entire installation-indoor type main feeder / sub feeder boxes , main switches & different switches in every switch room for smooth running as well as safeguard the installation from any breakdown.	220.00	No.
20.	a) Laying of PVC cable after cutting the trenches of size 300 mm x 750 mm with sand & brick (8 no./mtr) protection to the laid cable including restoration of ground in previous condition.	175.00	Mtr.
	b) Removal of defective cable from the existing trenches with proper care.	50.00	Mtr.
	c) Drawing of cable on wall surface as per requirement of site.	60.00	Mtr.
	d) Supply of PVC Al. armoured cable PVC/SWA/PVC of size 10 sq.mm x 2 core.	165.00	No.
21.	S & F of ceiling fan down rod of 900 mm.	148.00	No.
22.	S & F of 1200 mm sweep AC ceiling fan with all accessories of make Orient / Usha / Polar .	2003.00	No.

Schedule for items of works with their rates and specification for the work "Routine annual maintenance of electrical items of work including pump set within ADDA Office, Guest House, Office cum Commercial Complex, Staff Quarters , Industrial Estate and other areas at Asansol for the year 2016-17".

Sl. No.	Description of items	Rate (Rs)	Unit
23.	S & F of 1400 mm sweep AC ceiling fan with all accessories of make Orient / Usha / Polar .	2226.00	No.
24.	a) S & F of 16 A. Modular Switch.	163.00	No.
	b) S & F of 16/20A Modular plug socket.	221.00	No.
25.	Supply & drawing of 2.5 sq.mm 3 core PVC flexiable copper wire.	133.00	Mtr.
26.	S & F with all required items of 63A FP ,415V COS.	6254.00	No.
27.	Painting of MFB/SFB ,scrapping three coats painting as per dept .instruction.	1484.00	No.
28.	S & F of cable entry box for (63-200) A capacity installations.	742.00	No.
29.	a) S& D of 400 mm sweep high speed heavy duty pedestal fan.	4300.00	No.
	b) S & D of 400 mm sweep pedestal fan.	2900.00	No.
	c) S & F of 300 mm sweep heavy duty Exhaust fan.	3267.00	No.
	d) S & D of 225 mm sweep exhaust fan.	2850.00	No.
	e) S & D of 400 mm sweep wall bracket fan.	2862.00	No.
	f) S& D of 400 mm sweep high speed wall bracket fan	3400.00	No.
30.	Painting of steel tubular pole upto 9 mt. long with 2 coats of Al.paint over prima painting.as per PWD Schd.	347.00	No.
31.	S & F of street light fittings 1 x 250 Watt capacity of Philips make, Cat no. SGP 401 1 x CDMTT 250 W along with MH / SV lamp.	7000.00	No.
32.	S & F of street light fittings 1 x 150 Watt capacity of Philips make, Cat no. SGP 401 1 x CDMTT 150 W along with MH / SV lamp.	6700.00	No.
33.	a) S & F of geyser copper element (2 KW)	1325.00	No.
	b) Charges for installation of geyser with checking, testing etc. including S&F of foundation nut-bolts.	1200.00	No.
	c) S& F of PVC connector pipe for geyser connection.	195.00	No.
	d) S& F of Tharmostat for geyser .	570.00	No.
34.	a) Fixing of ceiling fan (shifting is included if required)	53.00	No.
	b) S & F of Fan hook	150.00	No.
	c) Hole cutting for exhaust fan of required size.	318.00	No.
35.	a) S & F of Time Switch of L& T or similar make.	3200.00	No.
	b) S & F of contactor set ML-2 , of L&T make.	3392.00	No.
	c) S & F of contactor set ML:-4 of L& T make.	7251.00	No.
36.	Labour supply for cleaning of switch room & surrounding places of M.F.B & S.F.B and for different installation as per direction of EIC.	244.00	Shift.
37.	Supply & drawing of 2 c x 4 sq.mm PVC / XLPE cable 1.1 KV grade of Havells/ Crystal / Aian etc. with suitable saddling arrangement by supplying all the necessary items to complete the work in all respect as per direction of EIC.	135.00	Mtr.

Schedule for items of works with their rates and specification for the work “ Routine annual maintenance of electrical items of work including pump set within ADDA Office, Guest House, Office cum Commercial Complex, Staff Quarters , Industrial Estate and other areas at Asansol for the year 2016-17”.

Sl. No.	Description of items	Rate(Rs)	Unit
38.	Earthing with perforated type C1 plate electrode of size 2' x2' x 1/2" as per direction of EIC by following IE Rules.	2061.00	No.
39.	Supply of skilled electrician & helper to look after any type of breakdown job wherever necessary as per direction of EIC.	539.00	No.
40.	a) S & F of heater porcelain base.	42.00	No.
	b) S & F of heater connector.	30.00	No.
	c) S & F of heater brass pin	15.00	No.
	d) S & F of heater coil 1000/1500 Watts.	45.00	No.
	e) S & F of new heater of 1000 Watts.	230.00	No.
41.	a) Erection of steel tubular pole (up to 9 mtr) with supply of required materials & muffing as per direction of EIC & PWD Schedule.	3190.00	No.
	b) Erection of steel tubular pole (above 9 mtr) with supply of required materials & muffing as per direction of EIC & PWD Schedule.	3756.00	No.
	c) Pole muffing 450 mm x 450 mm complete.	477.00	No.
	d) Removal of existing steel tubular pole.	795.00	No.
	e) Supply of GI tubular pole with inbuilt junction box and single arm for 7.0 mtr. Long pole (410 SP 3)	8000.00	No.
	f) S & F of pole fuse box (400 x 150 x 150) mm with 32A cutout, terminal block, clamps, painting etc. complete.	689.00	No.
42.	a) Charges for thorough cleaning, checking and servicing of all the parts of Air Conditioner machine as per direction of EIC.	954.00	No.
	b) S & F of running capacitor of A.C.Machine.	609.00	No.
	c) S & F of starting capacitor of A.C.Machine	450.00	No.
	d) Installation of window A.C. machine with wooden frame , massonary work & testing.	954.00	No.
	e) Installation of Split A.C. machine including testing.	1431.00	No.
	f) Dismantling the existing AC machine with proper care.	1298.00	No.
	g)S & F of new compressor for 2 Ton capacity		No.
	h) S & F of new compressor for 1.5 Ton capacity		No.
	i)Gas filling of window A.C. Machine	1060.00	No.
	j) Gas filling of Split A.C. Machine	1980.00	No.
	k) S & F of MS bracket for outdoor unit.	1250.00	No.
	l) Water Leakage repairing of A.C.Machine	275.00	No.
	m) S & F of PVC drain pipe 20 / 25 mm.	30.00	Mt.
	n) S & F of copper tubes of required size with insulation.	530.00	Mt.
	o) Steel caging for A.C. Machine.	1272.00	No.

Schedule for items of works with their rates and specification for the work ““Routine annual maintenance of electrical items of work including pump set within ADDA Office, Guest House, Office cum Commercial Complex, Staff Quarters , Industrial Estate and other areas at Asansol for the year 2016-17”.

Sl. No.	Description of items	Rate (Rs)	Unit
	p) Compressor repairing of A.C. machine	4770.00	No.
	q) S & F of outdoor fan blade for split A.C.	768.00	No.
	r) Blower motor rewinding.	1050.00	No.
	s) S & F of circuit board for AC machine.	1750.00	No.
	t) S & F of 20 A ,3 pin Metal plug socket.	1558.00	No.
	u) S & F of materials for new wiring of AC machine.	1500.00	Set
	v) S & F of thermostat for AC machine.	630.00	No.
43.	a) S & F of 5-10A single phase energy meter	1325.00	No.
	b) S & F of 5-40 A single phase energy meter.	1560.00	No.
	c) S & F of 0-40A ,3 Ph .energy meter.	6890.00	No.
44.	S & F of weather proof outdoor type DB with locking arrangement and 32A capacity cutout, neutral link etc. complete.	850.00	No.
45.	Supply , fixing , earthing of 20A SPN switch fuse unit of Standard / Havells make in sheet steel enclosure with MCB Isolator / Switch etc.	2200.00	No.
46.	Supply & fixing of following spares for 1 HP pump set.		
	a) Motor Rewinding	2300.00	No.
	b) Gland packing	350.00	No.
	c) Labour charges for repairing of pump.	1100.00	No.
	d) Clutch assembly	600.00	No.
	e) Pump shaft with key	700.00	No.
	f) Bearing for pump & motor.	390.00	No.
	g) Coupling set with rubber bush.	300.00	No.
	h) Heat varnishing of motor	600.00	No.
47.	S & F of following items for repairing of 5 HP pump set		
	a)Repairing of defective startar.	475.00	No.
	b) Labour charges for repairing of pump.	1700.00	No.
	c) Gland packing	400.00	No.
	d) Pump shaft with key	1900.00	No.
	e) Heat Varnishing of motor	1000.00	No.
	f) Bearing for pump & motor.	835.00	No.
	g) Coupling rubber.	128.00	No.
	h) Contactor coil.	900.00	No.
	i) Brass Foot Valve	3500.00	No.
	j) Indication lamp LED for panel	150.00	No.
	k) Brass Check Valve	3500.00	No.
	l) 65 mm dia x 300 mm long GI pipe.	650.00	No.
	m) Gun metal bush	1250.00	No.
	n) Motor Rewinding.	10000.00	No.
48.	S&F of following items for repairing of 2 HP, 3Ph. Monoblock pump set.		
	a)Heat Vernishing of Motor	750.00	No.
	b) Bearing	625.00	No.
	c) Pump shaft with empeller repairing.	1100.00	No.
	d) Water Seal.	1250.00	No.
	e) Labour for repairing of pump set	2000.00	No.
	f) Motor Rewinding	4500.00	No.

Schedule for items of works with their rates and specification for the work ““Routine annual maintenance of electrical items of work including pump set within ADDA Office, Guest House, Office cum Commercial Complex, Staff Quarters , Industrial Estate and other areas at Asansol for the year 2016-17”.

Sl.No.	Description of items	Rate (Rs)	Unit
49.	Supply & fixing of following items for repair 12.5 HP, 3 Ph. 440 Volt pump set. a) Heat Varnishing of Motor b) Gland Packing c) Complete repairing of pump set d) Starter Power contactor e) Repairing of defective starter f) Motor rewinding g) Timer for Starter h) Over Load relay i) Push Buttom j) Spare contactor kit, complete set. k) Single phase preventor. l) Pump shaft with key m) Bearing for pump & motor	1500.00 500.00 3200.00 3000.00 800.00 14000.00 1650.00 1750.00 800.00 1370.00 2750.00 2600.00 890.00	No. No. No. No. No. No. No. No. No. No. No. No. No.
50.	Supply of pump operator.	400.00	No.
51.	Supply of pump mechanics / Electrician / Air-Conditioner Meachnics to attend the special break down job.	400.00	No.
52.	S & F of new pump set of 5 HP capacity .Make- BE or equivalent.	11750.00	No.
53.	S & F with all required connections of DOL starter suitable for 5 / 7.5 HP motor .Make- L&T / BCH	2670.00	No.
54.	Cleaning , Washing , of fountain including testing , checking etc.	2500.00	Set.
55.	S & F of compressor for refrigerator.	4000.00	No.

S.D