OFFICE OF THE EXECUTIVE ENGINEER, BARRAGE DIVISION, SUKKUR.

No. SKP/G-66/2482 of 2017, Sukkur, Dated: 25/01/2017

INVITATION OF BIDS FOR PROCUREMENT OF GOODS

The sealed bids are hereby invited from interested bidders/contractors for the financial vear 2017-18 under latest SPPRA rules for the Abkalani & Closure materials & other essential works, Jobs for Operation & Maintenance of Main Barrage/Canal Head Regulators, Barrage Township & Left Bank Colony etc for the financial year 2017-18.

- The intended Bidder/Contractors can purchase the separate set of bid/quotation on non-1. refundable payment of Rs. 1,000/- upto 21.08.2017 at 12:00 P.M. The same will be received back on 22.08.2017 at 12:00 P.M and will be opened on same day at 01:00 P.M by the procurement committee constituted for the purpose in the presence of participants or representatives of the bidders/contractors.
- 2. The bidder should submit earnest money of Rs. 5,00,000/- (five hundred thousand) of the quotation in shape of call deposit from any scheduled bank of Pakistan in favour of the Executive Engineer, Barrage Division Sukkur and should be attached with application at time of purchasing of bidding documents. In absence of requisite call deposit the bid offered by the bidder/contractor will not be entertained.

ELIGIBILITY

- The applicant should be registered with Income Tax Department as well as Sindh 3. Revenue Board and the same NTN and SRB certificates should be attached with the application, otherwise the application will not be entertained. Also copy of CNIC should be attached. Non-filer contractor/firm will not be entertained in the bidding process.
- Contractors/firms should have experience in similar nature of work. 4.
- 5. The detail of completed/ongoing works of the same nature should be attached.
- Undertaking on affidavit, that firm is not involved in any litigation or abandoned any 6. work in the department.
- 7. Undertaking on affidavit to the effect that the firm/contractor have not been blacklisted previously by any executing agency.
- 8. Undertaking on affidavit that all documents/information provided by the contractor/firm are true and correct.

Cont: P/02

- Complete postal address of the bidder/contractor, landline number, mobile number & email address should be provided.
- Fresh Bank Certificate alongwith Statement of Bank, turnover showing the wealth should be provided.
- 11. Provide no litigation certificate.
- 12. No Conditional bid will be accepted.
- 13. The procuring agency has reserved the right to reject bid/quotation without any reason under the provisions of SPPRA Rules-2010 (Amendment 2013) issued by the SPPRA time to time.

EXECUTIVE ENGINEER BARRAGE DIVISION SUKKUR

Copy forwarded with compliments to:

- 1. The Managing Director Sindh Public Procurement Regulatory Authority Barrack # 8 Secretariat 4-A Court Road Karachi Tel: 021-99205369 for hoisting on website.
- 2. The Director Information and Public Relation Govt: of Sindh Block 95 Sindh Secretariat 4B Opposite Sindh Assembly Building Karachi alongwith 07 copies for publication in the (03) three leading newspapers.
- The Chief Engineer Sukkur Barrage Left Bank Region Sukkur for favour of kind information.
- 4. The Superintending Engineer Khairpur Irrigation Circle Sukkur form favour of kind information.
- 5. The Executive Engineer (All) for information.
- 6. Copy for Notice Board.

EXECUTIVE ENGINEER
SARRAGE DIVISION SUKKUR



GOVERNMENT OF SINDH IRRIGATION DEPARTMENT

NOTIFICATION

No. SO (RS)8-110/2012-13 With the approval of competent authority, a Complaint Redressal Committee is hereby constituted in terms of Rule 31 (1) of Sindh Public Procurement Rule 2010 (Amended 2013) regarding ADP Schemes and Non-Development Works 2015-16 of Irrigation Department, Government of Sindh pertaining to Sukkur Barrage Left Bank Region with the following composition:-

01. Director General Chairman
Monitoring & Evaluation Cell
Irrigation Department, Government of Sindh

02. Chief Engineer,
Sukkur Barrage Right Bank Region Larkana
Irrigation Department, Govt. of Sindh

03. Superintending Engineer, Member Western Sindh Circle Larkana Irrigation Department.

04. Executive Engineer Secretary (Concerned Division) Irrigation Department

95. District Accountants Officer Sindh (Concerned Division)

Assistant Secretary

T.O.R's of the Committee are as provided under Rule 31 of Sindh Public Procurement Rule 2010 and also perform any other function ancillary and incidental to the above.

SYED ZAHEER HYDER SHAH SECRETARY TO GOVT OF SINDH

No. So(R&S)8-110/2012-13/

Karachi, dated the 9th October, 2015

A copy is forwarded for information & necessary action to:-

- The Accountant General Sindh, Karachi with the request to nominate your representative for the above Complaint Redressal Committee.
- 2. The Director General, Monitoring & Evaluation Cell, Irrigation Department, Government of Sindh, Karachi.
- 3. The M.D Sindh Public Procurement Regulatory Authority Karachi.
- 4. The Chief Engineer, (All) Irrigation Development, Govt. of Sindh.
- 5. The Superintending Engineer, (All) Irrigation Deptt: Govt: of Sindh.
- 6. The Executive Engineers (All) Irrigation Department Govt: of Sindh.
- 7. P.S to Secretary Irrigation Department Govt of Sindh, Karachi.

SECTION OFFICER (R&S)
For Secretary to Government Of Sindh



Phone # 071-9310192 Fax # 071-5805163

NOTIFICATION

No: WB-11/BD/P.C/2016/4-W/ 3 / 68
OFFICE OF THE CHIEF ENGINEER
SUKKUR BARRAGE LEFT BANK REGION
SUKKUR DATED 706/2016.

A Procurement Committee consisting of the following officers is hereby constituted for opening of Bids from Contractors / Firms/ Tenders for procurement of ADP / M&R for the year 2016-17 in Barrage Division Sukkur of Khairpur Irrigation Circle Sukkur:

S.No.	Designation	Committee / designation
01	Mr. Imtiaz Ahmed Memon Superintending Engineer Khairpur Irrigation Circle Sukkur.	. Chairman.
02	Mr. Ihsan Ahmed Chohan Executive Engineer Public Health Engineering Division Sukkur.	Member.
03	Mr. Khurshed Ahmed Khokhar Executive Engineer Barrage Division Sukkur.	Member

WALI MUHAMMAD NAICH CHIEF ENGINEER

Copy forwarded to :-

01 The Secretary to Government of Sindh Irrigation Department Karachi for favour of kind information.

02 The Superintending Engineer, Khairpur Irrigation Circle Sukkur with reference to his letter No. SAC/G-2(b)/ 3044 dated 22-06-2016.

03 The Executive Engineer Public Health Engineering Division Sukkur.

04 The Executive Engineer, Barrage Division Sukkur.

(WALI MUHAMMAD NAICH CHIEF ENGINEER. SPARID DING DOCUMENT



GOVERNMENT OF SINDH IRRIGATION DEPARTMENT

Name of Work

ABKALANI & CLOSURE MATERIALS & OTHER ESSENTIAL WORKS, JOBS FOR OPERATION & MAINTENANCE OF MAIN BARRAGE/CANAL HEAD REGULATORS, BARRAGE TOWNSHIP & LEFT BANK COLONY ETC FOR THE FINANCIAL YEAR 2017-18

Name of **Procuring Agency** EXECUTIVE ENGINEER, BARRAGE DIVISION SUKKUR

Document Issued :-

M/s

to

Government Contractor

AUGUST - 2017

BIDDING DATA

(a)	Name of Procuring Agency	EXECUTIVE ENGINEER, BARRAGE DIVISION SUKKUR
(b)	Brief Description of Works	Abkalani & Closure materials & other essentia works, Jobs for Operation & Maintenance of Main Barrage/Canal Head Regulators, Barrage Township & Left Bank Colony etc for the financial year 2017-18
(c)	Procuring Agency's address	OFFICE OF THE EXECUTIVE ENGINEER BARRAGE DIVISION SUKKUR.
(d)	Estimated Cost	N.A
(e)	Amount of Bid Security	Rs. 1,00,000/-
(f)	Period of Bid Validity (days)	60 Days
(g)	Security Deposit (including bid security)	N.A
(h)	Percentage, if any, to be deducted from bills	7.5% Income Tax & 0.3% Stamp Duty.
(i)	Deadline for Submission of Bids along with time	21-08-2017 (12:00 PM)
(j)	Venue, Time, and Date of Bid Opening	OFFICE OF THE EXECUTIVE ENGINEER BARRAGE DIVISION SUKKUR ON 22-08-2017 (01:00 PM)
(k)	Time for Completion from written order of commence	N.A
(l)	Liquidity damages	N.A
(m)	Deposit Receipt No: Date: Amount	DR No Dated Amount Rs. 1,000/- (Non-refundable)

Contractor

Executive Engineer Barrage Division Sukkur

CONDITIONS OF CONTRACT

Clause - 1: Commencement & Completion Dates of work.

The contractor shall not enter upon or commence any portion or work except with the written authority and instructions of the Engineer-in-charge or of in subordinate-in-charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

The contractor shall proceed with the works with due expedition and without delay and complete the works in the time allowed for carrying out the work as entered in the tender/Work order (Supply Order) shall be strictly observed by the contractor and shall reckoned from the date on which the order to commence work is given to the contractor. And further to ensure good progress during the execution of the work, contractor shall be bound, in all in which the time allowed for completion of any work exceeds one month, to achieve progress on the prorate basis. The Contractor having/quoted lowest rate/item comparable with market shall be bound with procuring agency for the financial year 2017-18. Also the contractor having lowest rate/item will further be engaged subject to the availability of funds individually at any component/piece of procurement, job work as per (annual/revised) work plan/procurement plan for the year 2017-18.

Clause - 2: Liquidated Damages. Not Applicable

The contractor shall pay liquidated damages to the Agency at the rate per day stated in the bidding data for each day that the completion date is later than the Intended completion date; the amount of liquidated damage paid by the contractor to the Agency shall not exceed 10 per cent of the contract price. Agency may deduct liquidated damages from payments due to the contractor. Payment of liquidated damages does not affect the contractor's liabilities.

Clause – 3: Termination of the Contract.

- (A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exits:-
 - (i) Contractor causes a breach of any clause of the Contract;
 - (ii) The progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
 - (iii) In the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
 - (iv) Contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;
- (B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-
 - (i) To forfeit the security deposit available except conditions mentioned at A
 (iii) and (iv) above;
 - (ii) To finalize the work by measuring the work done by the contractor.

- (C) In the event of any of the above courses being adopted by the Executive Engineer/Procuring Agency, the contractor shall have:-
 - (i) No claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract,
 - (ii) However, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work and has not been paid.

 Procuring Agency/Engineer may invite fresh bids for remaining work.

Clause 4: Possession of the site and claims for compensation for delay.

The Engineer shall give possession of all parts of the site to the contractor. If possession of site is not given by the date stated in the contract data, no compensation shall be allowed for any delay caused in starting of the work on account of any acquisition of land, water standing in borrow pits/compartments or in according sanction to estimates. In such case, either date of commencement will be changed or period of completion is to be extended accordingly. The Contractor will be bound for the procurement/completion of work within specified time, period mentioned in the Work Order/Supply Order, no extension will be allowed

Clause -5: Extension of Intended Completion Date. Not Applicable

The Procuring Agency either at its own initiatives before the date of completion or on desire of the contractor may extend the intended completion date, if an event (which hinders the execution of contract) occurs or a variation order is issued which makes it impossible to complete the work by the intended completion date for such period as he may think necessary or proper. The decision of the Executive Engineer in this matter shall be final; where time has been extended under this or any other clause of this agreement, the date for completion of the work shall be the date fixed by the order giving the extension or by the aggregate of all such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

Clause -6: Specifications.

The contractor shall execute the whole and every part of the work in the most substantial and work-man-like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing, and instructions in writing relating to the work signed by the Engineer-in-charge and lodge in his office and to which the contractor shall be entitled to have access at such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings, and instructions as aforesaid.

(A) Interim/Running Bill.

A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all work executed and not included in any previous bill at least once in a month and the Engineer-in-charge shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, as for as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill, at any time depute a subordinate to measure up the said work in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient to warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the contractor, which he considers due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes. The payment on work done will be made subject to the availability of funds.

All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of works pointed out to him during defect liability period.

(B) The Final Bill.

A bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise Engineer-in-charge's certificate of the measurements and of the total amount payable for the works shall be final and binding on all parties.

Clause - 8: Reduced Rates.

In cases where the items of work are not accepted as so completed, the Engineer-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of final or on running account bills with reasons recorded in writing.

Clause - 9: Issuance of Variation and Repeat Orders.

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- **(B)** Contractor shall not perform a variation until the Procuring Agency has authorized the variation in on the same conditions in all respects on which he agreed to do them in the work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.
- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the

rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.

- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contact work.
- **(E)** In case of quantities of work executed result the Initial Contract Price to be exceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.
- **(F)** Repeat Order: Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

Clause-10: Quality Control.

(A) Identifying Defects:

If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.

(B) Correction of Defects:

The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.

(C) Uncorrected Defects:

- (i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.
- (ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

Clause - 11:

(A) Inspection of Operations.

The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.

(B) Dates for Inspection and Testing.

The Engineer shall give the contractor reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

Clause – 12: Examination of work before covering up.

- (A) No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or are ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;
- **(B)** If any work is covered up or placed beyond the reach of measurement without such notice having been given, the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

Clause - 13: Risks.

The contractor shall be responsible for all risks of loss of or damage to physical property or facilities or related services at the premises and of personal injury and death which arise during and in consequence of its performance of the contract. if any damage is caused while the work is in progress or become apparent within three months of the grant of the certificate of completion, final or otherwise, the contractor shall make good the same at his own expense, or in default the Engineer may cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

Clause-14: Measures for prevention of fire and safety measures.

The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities including protection of the environment on and off the site. Compensation of all damage done intentionally or unintentionally on or off the site by the contractor's labour shall be paid by him.

Clause-15: Sub-contracting. Not Applicable

The contractor shall not subcontract the whole of the works, except where otherwise provided by the contract. The contractor shall not subcontract any part of the works without the prior consent of the Engineer. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his agents, servants or workmen as if these acts, defaults or neglects were those of the contractor, his agents' servants or workmen. The provisions of this contract shall apply to such subcontractor or his employees as if he or it were employees of the contractor.

· Clause – 16: Disputes.

All disputes arising in connection with the present contract, and which cannot be amicably settled between the parties, the decision of the Superintending Engineer of the circle/officer/one grade higher to awarding authority shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of the specifications, designs drawings, and instructions, hereinbefore mentioned and as to the quality of workmanship, or materials used on the work or as to any other questions, claim, right, matter, or thing whatsoever in any way arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of failure to execute the same, whether arising, during the progress of the work, or after the completion or abandonment thereof.

Clause -17: Site Clearance.

On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer in-charge) of such completion, but neither such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed all temporary structures and materials brought at site either for use or for operation facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove and dispose of the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor's retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.

Clause -18: Financial Assistance / Advance Payment.

(A) Mobilization advance is not allowed.

(B) Secured Advance against materials brought at site. Not Applicable

- (i) Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;
- (ii) Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

Clause -19: Recovery as arrears of Land Revenue. Not Applicable

Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

Clause -20: Refund of Security Deposit/Retention Money. Not Applicable

On completion of the whole of the works (a work should be considered as complete for the purpose of refund of security deposit to a contractor from the last date on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the last date of recording the final measurements), the defects notice period has also passed and the Engineer has

certified that all defects notified to the contractor before the end of this period have been corrected, the security deposit lodged by a contractor (in cash or recovered in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is completed.

Divisional Accountant

Contractor

Executive Engineer Barrage Division Sukkur

DESCRIPTION AND RATE OF ITEMS BASED ON MARKET (OFFERED RATES)

NAME OF WORK: - Abkalani & Closure materials & other essential works, Jobs for Operation & Maintenance of Main Barrage/Canal Head Regulators, Barrage Township & Left Bank Colony etc for the financial year 2017-18.

ITEM NO.	DESCRIPT	ION OF ITEM	QUANTITY	RATE	UNIT	AMOUNT
1	Towas 5'x3' size.				Each	
2	Empty Gunny Bags 2nd Birthi				Each	
3	Date Mat 5'x3' size.				Each	
4	Empty Ghee Tin 18 litters tin.				Each	-
5	Manjhandari Panjars 12'x15' lo	ong 4"x6" girth.			Each	
6	Reed Patels 6'x4' size.				Each	
7	Pees Wan 2nd Quality.				P.Kg	
8	Manila Rope off sizes.	·			P.Kg	
9	Empty Jutte Katta 1st Birthi.				Each	
10	Kerosene oil.				P.Ltr	-
11	Deck brush with handle.				Each	- 15
12	Wire brush 12" size.				Each	
13	Date broom.				P.Doz	
14	Empty ghee tin of 5 kgs.				Each	_
15	Sutli twin country.				P.Kg	
16	Bamboo poles 6" to 9" girth 16	to 20' long.			Each	
17	Engaging Boat with Boatman o	n hire charges.			Each	
18	Toba/Diver.				Each	
19	Date challies off sizes.				Each	÷-
20	Empty jutte katta 2nd Birthi.				Each	_
21	Un-slacked Lime.				P.Mnd	
22	Supplying & fixing Aluminum	Bronze).			P.Sft	
23	Enamel varnish superior.				P.Tin	

IFEM NO.	DESCRIPTION OF ITEM	QUANTITY	RATE	UNIT	AMOUNT
24	Silver paint.			P.Ltr	
25	Paint brush universal double 3" size.			Each	(· / ±
26	Paint Brush Universal double 4" size.			Each	. 4.
- 27	Engaging Painter.			Each	
28	Black bitumen burger.			P.Ltr	
29	Enameled paint in different colors.			P.Ltr	
30	Distemper of different color.			P.Ltr	.000
31	Red Oxide Paint.			P.Ltr	
32	Paint Black.			P.Ltr	
33	Bedmushk wooden plane 10'x10"x1 1/2".			P.ft	
34	Engaging Un-skilled Cooly.			Each	27
35	Engaging Skilled Labour.			Each	
36	Supply earth soil.			P.Cft	
37	Barbid wire.			P.Kg	.54
38	Steel grill.			P.Sft	
39	Hill sand.			P.Cft	
40	Mixed graded shingle.			P.Cft	
41	Cement in bag (Ordinary Portland Cement).			P.Bag	
42	White cement.			P.Bag	
43	Bricks 9"x4½"x3" (Ist Class).			Each	
44	Bajri/Crush.			P.Cft	-
45	T-Iron 2"x2"x½".			P.Rft	
46	Girder 8"x4".			P.Rft	
47	Roof tile 12"x6"x2".			Each	
48	Supplying & fixing RCC Pipe 12" dia.			P.Rft	
49	Supplying & fixing RCC Pipe 18" dia.			P.Rft	
50	Supplying & fixing RCC Pipe 24" dia.		-	P.Rft	
51	Supplying & fixing glazed tile of superior quality.			P.Sft	
					-

IFEM NO.	DESCRIPTION OF ITEM	QUANTITY	RATE	UNIT	AMOUNT
52	Bulb 200 Watts.			Each	3.
53	Bulb Holder Brass.			Each	**
54	Mercury bulb 125 watts.			Each	
- 55	Chowk 125 watts for mercury.			Each	
56	PVC Wire 37/.083 single core (Copper).			P.Mtr	
57	Supplying & Fixing PVC Wire 37/.083 four core (Copper).	,		P.Mtr	- 48.0 - 48.0
58	PVC Wire 3/.029 single core.			P.Mtr	
59	PVC Wire 7/.029 Two core. (Copper).			P.Mtr	
60	PVC Wire 7/.036 single core.			P.Mtr	
61	PVC Wire 7/.064 Single Core (Copper).			P.Mtr	
62	PVC Wire 7/.044.			P.Mtr	
63	PVC Wire 7/.052 Superior Quality.			P.Mtr	
64	PVC Wire 37/.103.			P.Mtr	
65	PVC Wire 19/.083.		-	P.Mtr	163
66	Flexible Wire 23/.076.			P.Mtr	
67	Plastic tape 3/4" dia Nitto Japan.			P.Doz	1-2
68	Energy saver 24 watts.			Each	
69	Energy Saver 85 watts.			Each	
70	Energy Saver 45 watts.			Each	in the state of th
71	LED lights 13 watts (Philips)		380	Each	
72	LED lights 18 watts (Philips)		950	Each	
73	Supplying & Fixing Change Over (100 AMP) Four Wire			Each	
74	LED lights 45 watts (Philips)		2500	Each	
75	Duck Patty 3/4" size 10 ft. Long.			Each	
76	Duck Patty 1" size 10 ft. Long.			Each	-
77	Duck Patty 60x60mm.			Each	- 20
78	Amper Meter 500 Watts.			Each	
79	Rawal Bolt 12 mm			Each	

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	RATE	UNIT	AMOUNT
80	Single Phase Circuit Breaker 300 AMP (3 Phase).			Each	
81	Single Phase Circuit Breaker 200 AMP (3 Phase).			Each	
82	Fancy China Sheet (10 Gang) 3x6			Each	
* 83	Fancy China Sheet (8 Gang) 3x6			Each	
84	Fancy China Sheet (6 Gang) 3x6			Each	
85	Fancy China Sheet (4 Gang) 3x3			Each	-
86	Fancy China Sheet (3 Gang) 3x3	ξ.		Each	•
87	Supplying & Fixing Bracket Fan 18"			Each	-
88	Supplying & Fixing Ceiling Fan 56"			Each	(*)
89	Supplying & Fixing Padestal Fan "			Each	
90	Transformer Oil.			P.Ltr	
91	Copper for L.T Coil 0 MM (200 KVA Transformer)			P.Kg	
92	Copper for H.T Coil 16 MM (200 KVA Transformer	·).		P.Kg	
93	Copper for L.T Coil 0 MM (400 KVA Transformer)			P.Kg	
94	Copper for H.T Coil 12 MM (400 KVA Transformer	·).		P.Kg	
95	M.S Nut & Bolts off sizes.			P.Kg	1
96	Steel wire Ropes off sizes (steel core).			P.Rft	
97	M.Steel Bars off sizes.			P.Kg	1 27
98	Cup grease.			P.Kg	
99	Black grease (Gulf Lubricant No. 3 for wire rope).			P.Kg	4
100	Replacement of wire rope of gates (Labour Rate).			P.Rft	4.
101	Iron steel sheets off sizes.			P.Kg	
102	Break leather of Barrage Gates.			P.Set	
103	Break drum repair.			P.Job	
104	Repair of dial indicator top gate.			P.Job	
105	Repair of indicator middle gate.			P.Job	
106	Repair of indicator bottom gate.			P.Job	
107	Manufacturing of muff coupling.			P.Kg	

IFEM NO.	DESCRIPTIO	ON OF ITEM	QUANTITY	RATE	UNIT	AMOUNT
108	Air Filter of Electric Generator	125 KVA.			Each	
109	Engaging generator on hire char	ges without POL.			P.Hr.	
110	First Class Masson Mistry				Each	#10 - 175
• 111	Corban Bush for Electric General	ator 125 KVA			Each.	100
112	Cotton Rags.				P.Kg.	
113	Welding Electric Cable				P.ft.	-
114	Cotton Rope off sizes.				Each.	
115	Fuel Filter 125 KVA Generator.				Each	
116	Oil Filter 125 KVA Generator.				Each	
117	Electric welding rod cast 8 SWC	Korea.			P.Pkt	
118	Electric welding rod cast 10 SW	G Korea.			P.Pkt	
119	Cotton Waste.				P.Kg	
120	M.P Grease.				P.Kg	
121	Gear oil.				P.Ltr	
122	Hydraulic Oil.				P.Ltr	
123	M.S Sheet as per sample.				P.Kg	
124	M.S Angle.				P.Kg	
125	M.S Channel as per sample.				P.Kg	
126	Supplying Bamboo Stick 5' long.				P.Kg	
127	Wisel.				Each	
128	Cap with Monogram.				Each	
129	Khaki Poplin for Dress.				P.Mtr	
130	Sewing Charges of Dress.				P.Mtr	- 01
131	Large Shoes for Security Guards				Each	
132	Ball bearing No. SKF-6305.				Each	
133	Ball bearing No. SKF-6307.				Each	
134	Ball bearing No. SKF-6308.				Each	
135	Gland Cup.				Each	

IFEM NO.	DESCRIPTION OF ITEM	QUANTITY	RATE	UNIT	AMOUNT
136	Shaft for Pumps & Motors.			P.ft	7.0 7.0
137	Repair of Router.			P.Job	
138	Manufacturing of Couple Pully.			Each	
139	Hose rubber pipe 3" dia.			P.Rft	
140	Hose rubber pipe 4" dia.			P.Rft	-
141	Gland Doori ¼" size.			P.Kg	
142	Supplying stone boulders 9" and above i/c taking from Arore Quarry to Site of Work i.e. jurisdiction of Barrage Division.			P.Cft	-
143	Engaging Tractor with Trolley for Filling Depressions.			P.Trip	
144	Engaging Tractor with Disc on hire charges.			P.Hr	- 44
145	Engaging Donkey with Donkey Carts and attendant.			P.Day	- 1
146	Engaging Hydraulic Excavator Machine without POL on hire charges.			P.Hr.	
147	Engaging Tractor with Front Blade on Hire Charges.			P.Hr.	
148	Supplying & Fixing Battery (Osaka) 12-Valts 200 AMP.			Each.	
149	Washing & cleaning of Manholes (Labour Rate).			Each	
150	Rewinding of Motors 20 H.P.			P.Job	
151	Rewinding of Motors 15 H.P.			P.Job	- 19
152	Rewinding of Motors 10 H.P.			P.Job	
153	Repair & Recondition of Water Pump. (as per sample)			P.Job	