

SINDH IRRIGATION DEPARTMENT BIDDING DOCUMENT

Procurement of works Bidding document for

**PROVIDING C.C. FLOORING IN LANES OF E&R COLONY @
DH&R HYDERABAD**
(Post qualification)

Issued on : DR. No. _____, 2018,

NIT No : TC/G-55 /2018, dated - -2018.

Employer : Sindh Irrigation Department through Executive Engineer,
Research Division, Karachi.

Bidding Documents issued to:

M/S _____

_____ 2018

FORM OF BID AND SCHEDULES TO BID

[SCHEDULES TO BID INCLUDE THE FOLLOWING:

- Schedule A to Bid: Schedule of Prices
- Schedule B to Bid: Specific Works Data
- Schedule C to Bid: Works to be Performed by Subcontractors
- Schedule D to Bid: Proposed Program of Works
- Schedule E to Bid: Method of Performing Works
- Schedule F to Bid: Integrity Pact]



PREAMBLE TO SCHEDULE OF PRICES

1. General

- 1.1 The Schedule of Prices shall be read in conjunction with the Conditions of Contract, Contract Data together with the Specifications and Drawings, if any.
- 1.2 The Contract shall be for the whole of the works as described in these Bidding Documents. Bids must be for the complete scope of works.

2. Description

- 2.1 The general directions and descriptions of works and materials are not necessarily repeated nor summarized in the Schedule of Prices. References to the relevant sections of the Bidding Documents shall be made before entering prices against each item in the Schedule of Prices.

3. Units & Abbreviations

- 3.1 Units of measurement, symbols and abbreviations expressed in the Bidding Documents shall comply with the Systeme Internationale d' Unites (SI Units).

(Note: The abbreviations to be used in the Schedule of Prices to be defined by the Procuring Agency).

4. Rates and Prices

- 4.1 Except as otherwise expressly provided under the Conditions of Contract, the rates and amounts entered in the Schedule of Prices shall be the rates at which the Contractor shall be paid and shall be the full inclusive value of the works set forth or implied in the Contract; except for the amounts reimbursable, if any to the Contractor under the Contract.
- 4.2 Unless otherwise stipulated in the Contract Data, the premium, rates and prices entered by the bidder shall not be subject to adjustment during the performance of the Contract.
- 4.3 All duties, taxes and other levies payable by the Contractor shall be included in the rates and prices.
- 4.4 The whole cost of complying with the provisions of the Contract shall be included in the items provided in the Schedule of Prices, and where



no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the Works and no separate payment will be made for those items.

The rates, prices and amounts shall be entered against each item in the Schedule of Prices. Any item against which no rate or price is entered by the bidder will not be paid for by the Procuring Agency when executed and shall be deemed covered by the rates and prices for other items in the Schedule of Prices.

- 4.5 (a) The bidder shall be deemed to have obtained all information as to and all requirements related thereto which may affect the bid price.

*(b) The Contractor shall be responsible to make complete arrangements for the transportation of the Plant to the Site.

*(Procuring Agency may modify as appropriate)

- 4.6 The Contractor shall provide for all parts of the Works to be completed in every respect. Notwithstanding that any details, accessories, etc. required for the complete installation and satisfactory operation of the Works, are not specifically mentioned in the Specifications, such details shall be considered as included in the Contract Price.

5. Bid Prices

5.1 Break-up of Bid Prices

The various elements of Bid Prices shall be quoted as detailed by the Procuring Agency in the format of Schedule of Prices.

The bidder shall recognize such elements of the costs which he expects to incur the performance of the Works and shall include all such costs in the rates and amounts entered in the Schedule of Prices.

5.2 Total Bid Price

The total of bid prices in the Schedule of Prices shall be entered in the Summary of Bid Prices.

6. Provisional Sums and Day work

- 6.1 Provisional Sums included and so designated in the Schedule of Prices if any, shall be expended in whole or in part at the direction and discretion of the Engineer/Procuring Agency. The Contractor will only receive payment in respect of Provisional Sums, if he has been instructed by the Engineer/Procuring Agency to utilize such sums.

- 6.2 Day work rates in the contractor's bid are to be used for small additional amounts of work and only when the Engineer have given written instructions in advance for additional work to be paid for in that way.

CONDITIONS OF CONTRACT

1. GENERAL PROVISIONS

1.1 Definitions

In the Contract as defined below, the words and expressions defined shall have the following meanings assigned to them, except where the context requires otherwise:

The Contract

1.1.1 "Contract" means the Contract Agreement and the other documents listed in the Contract Data.

1.1.2 "Specifications" means the document as listed in the Contract Data, including Procuring Agency's requirements in respect of design to be carried out by the Contractor (if any), and any Variation to such document.

1.1.3 "Drawings" means the Procuring Agency's drawings of the Works as listed in the Contract Data, and any Variation to such drawings.

Persons

1.1.4 "Procuring Agency" means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Contractor) any assignee.

1.1.5 "Contractor" means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Procuring Agency) any assignee.

1.1.6 "Party" means either the Procuring Agency or the Contractor.

Dates, Times and Periods

1.1.7 "Commencement Date" means the date fourteen (14) days after the date the Contract comes into effect or any other date named in the Contract Data.

1.1.8 "Day" means a calendar day

1.1.9 "Time for Completion" means the time for completing the Works as stated in the Contract Data (or as extended under Sub-Clause 7.3), calculated from the Commencement Date.

Money and Payments

1.1.10 "Cost" means all expenditure properly incurred (or to be incurred) by the Contractor, whether on or off the Site, including overheads and similar charges but

does not include any allowance for profit.

Other Definitions

- 1.1.11 "Contractor's Equipment" means all machinery, apparatus and other things required for the execution of the Works but does not include Materials or Plant intended to form part of the Works.
- 1.1.12 "Country" means the Islamic Republic of Pakistan.
- 1.1.13 "Procuring Agency's Risks" means those matters listed in Sub-Clause 6.1.
- 1.1.14 "Force Majeure" means an event or circumstance which makes performance of a Party's obligations illegal or impracticable and which is beyond that Party's reasonable control.
- 1.1.15 "Materials" means things of all kinds (other than Plant) to be supplied and incorporated in the Works by the Contractor.
- 1.1.16 "Plant" means the machinery and apparatus intended to form or forming part of the Works.
- 1.1.17 "Site" means the places provided by the Procuring Agency where the Works are to be executed, and any other places specified in the Contract as forming part of the Site.
- 1.1.18 "Variation" means a change which is instructed by the Engineer/Procuring Agency under Sub-Clause 10.1.
- 1.1.19 "Works" means any or all the works whether Supply, Installation, Construction etc. and design (if any) to be performed by the Contractor including temporary works and any variation thereof.
- 1.1.20 "Engineer" means the person notified by the Procuring Agency to act as Engineer for the purpose of the Contract and named as such in Contract Data.

1.2 Interpretation

Words importing persons or parties shall include firms and organisations. Words importing singular or one gender shall include plural or the other gender where the context requires.

1.3 Priority of Documents

The documents forming the Contract are to be taken as mutually explanatory of one another. If an ambiguity or discrepancy is found in the documents, the priority of the documents shall be in accordance with the order as listed in the Contract Data.

1.4 **Law**

The law of the Contract is the relevant Law of Islamic Republic of Pakistan.

1.5 **Communications**

All Communications related to the Contract shall be in English language.

1.6 **Statutory Obligations**

The Contractor shall comply with the Laws of Islamic Republic of Pakistan and shall give all notices and pay all fees and other charges in respect of the Works.

2. **THE PROCURING AGENCY**

2.1 **Provision of Site**

The Procuring Agency shall provide the Site and right of access thereto at the times stated in the Contract Data.

Site Investigation Reports are those that were included in the bidding documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.

2.2 **Permits etc.**

The Procuring Agency shall, if requested by the Contractor, assist him in applying for permits, licences or approvals which are required for the Works.

2.3 **Engineer's/Procuring Agency's Instructions**

The Contractor shall comply with all instructions given by the Procuring Agency or the Engineer, if notified by the Procuring Agency, in respect of the Works including the suspension of all or part of the works.

2.4 **Approvals**

No approval or consent or absence of comment by the Engineer/Procuring Agency shall affect the Contractor's obligations.

3. **ENGINEER'S/PROCURING AGENCY'S REPRESENTATIVES**

3.1 **Authorised Person**

The Procuring Agency shall appoint a duly authorized person to act for him and on his behalf for the purposes of this Contract. Such authorized person shall be duly identified in the Contract Data or otherwise notified in writing to the Contractor as soon as he is so appointed. In either case the Procuring Agency shall notify the Contractor, in writing, the precise scope of the authority of such authorized person at the time of his appointment.

3.2 Engineer's/Procuring Agency's Representative

The name and address of Engineer's/Procuring Agency's Representative is given in Contract Data. However the Contractor shall be notified by the Engineer/Procuring Agency, the delegated duties and authority before the Commencement of works.

4. THE CONTRACTOR

4.1 General Obligations

The Contractor shall carry out the works properly and in accordance with the Contract. The Contractor shall provide all supervision, labour, Materials, Plant and Contractor's Equipment which may be required

4.2 Contractor's Representative

The Contractor shall appoint a representative at site on full time basis to supervise the execution of work and to receive instructions on behalf of the Contractor but only after obtaining the consent of the Procuring Agency for such appointment which consent shall not be withheld without plausible reason(s) by the Procuring Agency. Such authorized representative may be substituted/ replaced by the Contractor at any time during the Contract Period but only after obtaining the consent of the Procuring Agency as aforesaid.

4.3 Subcontracting

The Contractor shall not subcontract the whole of the works. The Contractor shall not subcontract any part of the works without the consent of the Procuring Agency.

4.4 Performance Security

The Contractor shall furnish to the Procuring Agency within fourteen (14) days after receipt of Letter of Acceptance a Performance Security at the option of the bidder, in the form of Payee's order /Bank Draft or Bank Guarantee from scheduled bank for the amount and validity specified in Contract Data.

5. DESIGN BY CONTRACTOR

5.1 Contractor's Design

The Contractor shall carry out design to the extent specified, as referred to in the Contract Data. The Contractor shall promptly submit to the Engineer/Procuring Agency all designs prepared by him, within fourteen (14) days of receipt the Engineer/Procuring Agency shall notify any comments or, if the design submitted is not in accordance with the Contract, shall reject it stating the reasons. The

Contractor shall not construct any element of the works designed by him within fourteen (14) days after the design has been submitted to the Engineer/Procuring Agency or which has been rejected. Design that has been rejected shall be promptly amended and resubmitted. The Contractor shall resubmit all designs commented on taking these comments into account as necessary.

5.2 Responsibility for Design

The Contractor shall remain responsible for his bided design and the design under this Clause, both of which shall be fit for the intended purposes defined in the Contract and he shall also remain responsible for any infringement of any patent or copyright in respect of the same. The Engineer/Procuring Agency shall be responsible for the Specifications and Drawings.

6. PROCURING AGENCY'S RISKS

6.1 The Procuring Agency's Risks

The Procuring Agency's Risks are:-

- a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies, within the Country;
- b) rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war, within the Country;
- c) riot, commotion or disorder by persons other than the Contractor's personnel and other employees including the personnel and employees of Sub-Contractors, affecting the Site and/or the Works;
- d) ionising radiations, or contamination by radio-activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radio-active toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component of such an assembly, except to the extent to which the Contractor/Sub-Contractors may be responsible for the use of any radio-active material;
- e) Pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds;
- f) use or occupation by the Procuring Agency of any part of the Works, except as may be specified in the Contract;
- g) late handing over of sites, anomalies in drawings, late delivery of designs and drawings of any part of the Works by the Procuring Agency's personnel or by others for whom the Procuring Agency is responsible;
- h) a suspension under Sub-Clause 2.3 unless it is attributable to the Contractor's failure; and

- i) physical obstructions or physical conditions other than climatic conditions, encountered on the Site during the performance of the Works, for which the Contractor immediately notified to the Procuring Agency and accepted by the Procuring Agency.

7. TIME FOR COMPLETION

7.1 Execution of the Works

The Contractor shall commence the Works on the Commencement Date and shall proceed expeditiously and without delay and shall complete the Works, subject to Sub-Clause 7.3 below, within the Time for Completion.

7.2 Programme

Within the time stated in the Contract Data, the Contractor shall submit to the Engineer/Procuring Agency a programme for the Works in the form stated in the Contract Data.

7.3 Extension of Time

The Contractor shall, within such time as may be reasonable under the circumstances, notify the Procuring Agency/Engineer of any event(s) falling within the scope of Sub-Clause 6.1 or 10.3 of these Conditions of Contract and request the Procuring Agency/Engineer for a reasonable extension in the time for the completion of works. Subject to the aforesaid, the Procuring Agency/Engineer shall determine such reasonable extension in the time for the completion of works as may be justified in the light of the details/particulars supplied by the Contractor in connection with the such determination by the Procuring Agency/Engineer within such period as may be prescribed by the Procuring Agency/Engineer for the same; and the Procuring Agency may extend the time for completion as determined.

7.4 Late Completion

If the Contractor fails to complete the Works within the Time for Completion, the Contractor's only liability to the Procuring Agency for such failure shall be to pay the amount as **liquidity damages** stated in the Contract Data for each day for which he fails to complete the Works.

8. TAKING-OVER

8.1 Completion


The Contractor may notify the Engineer/Procuring Agency when he considers that the Works are complete.

FORMAT OF WORK PLAN
FOR O&M WORKS
IN
EXECUTIVE ENGINEER
RESEARCH DIVISION KARACHI
FOR
THE YEAR 2017-2018

PRIORITY WISE 4th Quarter WORK PROGRAMME FOR THE YEAR 2017-2018
ACCOUNT 1037 - IRRIGATION - 04 - ECONOMIC AFFAIRS - 042 - AGRICULTURE,
FOOD, FORESTRY, IRRIGATION -042202- IRRIGATION DAMS IN RESPECT OF

RESEARCH DIVISION, KARACHI
GENERAL ABSTRACT

<i>1st Quarter</i>			
No	Sub-Head of Account	Allocatoion	Funds Required
		98313	95969
1	A-13470 - R & C Research Division.	611999	623500
2	A-13570 - E & D Soil Mechanics & Hydraulic Lab.	49308	20000
3	A-13570 - Others R & C.	4962210	5331272
4	A-13370 - M & R Research Division.	1191245	1140000
5	A-13370-6 M & R Soil Mechanics Hydraulics Lab:	6913075	7210741
<i>2nd Quarter</i>			
		98313	103337
1	A-13470 - R & C Research Division.	611999	697625
2	A-13570 - E & D Soil Mechanics & Hydraulic Lab.	49308	56870
3	A-13570 - Others R & C.	4962210	4813356
4	A-13370 - M & R Research Division.	1191245	1130000
5	A-13370-6 M & R Soil Mechanics Hydraulics Lab:	6913075	6301188
<i>3rd Quarter</i>			
		98313	97637
1	A-13470 - R & C Research Division.	611999	500000
2	A-13570 - E & D Soil Mechanics & Hydraulic Lab.	49308	60180
3	A-13570 - Others R & C.	4962210	4900000
4	A-13370 - M & R Research Division.	1191245	1084980
5	A-13370-6 M & R Soil Mechanics Hydraulics Lab:	6913075	6642797
<i>4th Quarter</i>			
		98313	96307
1	A-13470 - R & C Research Division.	611999	526874
2	A-13570 - E & D Soil Mechanics & Hydraulic Lab.	49308	60180
3	A-13570 - Others R & C.	4962210	4803500
4	A-13370 - M & R Research Division.	1191245	1410000
5	A-13370-6 M & R Soil Mechanics Hydraulics Lab:	6913075	6996861
Grand total		27652300	27651587

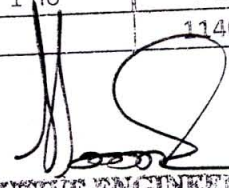

EXECUTIVE ENGINEER,
RESEARCH DIVISION
KARACHI

PRIORITY WISE 1st Quarter WORK PROGRAMME FOR THE YEAR 2017-2018
1037 - IRRIGATION - 04 - ECONOMIC AFFAIRS - 042 - AGRICULTURE, FOOD,
FORESTRY, IRRIGATION -042202- IRRIGATION DAMS IN RESPECT OF

RESEARCH DIVISION, KARACHI

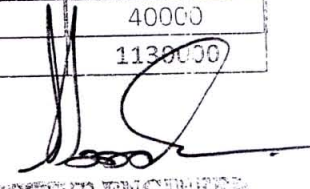
No	Name of work	Quantity	Amount
1	A-13470 - R & C Research Division.		
	1. Repair and maintenance of vehicle no: GS-937-B Executive Engineer Division.	1 job	95969
2	A-13570 - E & D Soil Mechanics & Hydraulic Lab:		
	1. Earth filling depression of low level areas of FRS model area @ Hyderabad	30000 cft	292625
	2. Supplying cleaning material for office and colony SMHL Karachi.	p-job	330875
			623500
3	A-13570 - Others R & C.		
	1. Repair and maintenance of motor pumps 15 HP SMHL Karachi	job	20000
4	A-13370 - M & R Research Division.		
	1. Providing earth filling depression and making path at Halla & Bada gauging sites of gauging sub-Division Kotri.	50000 cft	500000
	2. Providing earth filling depression and making path at Kotri & Detha gauging sites of gauging sub-Division Kotri.	56000 cft	563356
	3. Jungle clearance to clear site of safaro gauge site of gauging sub-Division kotri.	327500 sft	250000
	4. Beautification and renovation of lawn @ SMHL Hyderabad.	8000 sft	500000
	5. Providing earth filling depression and making path to Mithon Kot R/B & 5 th mile Gauge sites of Gudu Gauging Sub-Division Kashmore	50000 cft	500000
	6. Jungle clearance to clear gudu barrage site of Gudu Gauging sub-Division Kashmore.	130000 sft	100000
	7. Jungle clearance to clear Machka Gauge site of Gudu Gauging sub-Division Kashmore.	131000 sft	100000
	8. Repair & maintenance to the Gauge Kamal Dero & Raza jo Goth gauge site of Gauging sub-Division Sukkur	job	500000
	9. Jungle clearance to clear site of path & Daulatpur Gauge sites of	50000 sft	500000
	10. Repair and maintenance to the 51 Kilometer & Thana Shah Baig FWS of IRS Sub-Division Karachi.	job	817916
	11. Repair to the sub-Division office and verandah of Gauging sub-Division Kotri.	620 sft	1000000
	Total		5351271
5	A-13370-6 M & R Soil Mechanics Hydraulics Lab:		
	1. Repair and maintenance to the drainage line of Research colony	300 sft	500000
	2. Providing cleaning material for the office & colony @ SMHL	job	500000

3.POL for vehicle No GS-937-B XEN Research Division Karachi	1 no	90000
4.POL for vehicle No GS-2431 Gauging Sub- Division Kotri.	1 no	50000
Total		1140000


EXECUTIVE ENGINEER
RESEARCH DIVISION
KARACHI

PRIORITY WISE 2nd Quarter WORK PROGRAMME FOR THE YEAR 2017-
037 - IRRIGATION - 04 - ECONOMIC AFFAIRS - 042 - AGRICULTURE, FOOD,
FORESTRY, IRRIGATION -042202- IRRIGATION DAMS IN RESPECT OF
RESEARCH DIVISION, KARACHI

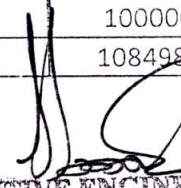
No	Name of work	Quantity	Amount
1	A-13470 - R & C Research Division.		
	1.Repair and maintenance of vehicle no: GS-2431 Kotri Gauging Sub-	1 job	103337
2	A-13570 - E & D Soil Mechanics & Hydraulic Lab		
	1.Providing Antitermite treatment @ Office block @SMHL Karachi	4000 sft	371625
	2.Providing Antitermite @ Residential colony @ SMHL Hyderabad	4000 sft	326000
	Total		697625
3	A-13570 - Others R & C		
	1.Repair and maintenance of motor pump 40Hp at Hyderabad	1 job	56870
4	A-13370 - M & R Research Division		
	1.Providing earth filling depression and making Mehrani & Hajipur gauging sites of gauging sub-Division Kotri.	50000 cft	500000
	2.Providing earth filling depression and making sann & Belo gauge sites of gauging sub-Division Kotri.	56000 cft	563356
	3.Beautification and renovation of lawn @ Kotri.	9000 sft	500000
	4.Repair and maintenance to the Drainage line of E& R colony Hyderabad	600sft	500000
	5.Providing earth filling depression and making path to Kotla R/B & Desert Head Gauge sites of Gudu Gauging Sub-Division Kashmore	50000 cft	500000
	6.Providing office material furniture for the Gauging sub-Division Kashmore.	job	500000
	7.Providing Earth filling to the Rajab & Panwari gauge site of Gauging sub-Division Sukkur	50000 cft	500000
	8. Repair and maintenance to the compound wall to the Gauging sub-Division Sukkur.	650 sft	500000
	9. Providing Earth for filling depression and making path Thana Shah Baig FWS of IRS Sub-Division Karachi .	50000 cft	500000
	10.Earth filling around climatological station sari sang	25000 cft	250000
	Total		4813356
5	A-13370-6 M & R Soil Mechanics Hydraulics Lab:		
	1.Providing cleaning material for office & colony at Kotri.	job	500000
	2.Providing Earth filling in depression to the different areas of FRS Hyderabad.	49000 cft	490000
	3.POL for vehicle No GS-937-B XEN Research Division Karachi	job	100000
	4.POL for vehicle No GS-2431 Gauging Sub- Division Kotri.	job	40000
	Total		1130000


EXECUTIVE ENGINEER
RESEARCH DIVISION
KARACHI

PRIORITY WISE 3rd Quarter WORK PROGRAMME FOR THE YEAR 2017-
ACCOUNT 1037 - IRRIGATION - 04 - ECONOMIC AFFAIRS - 042 -
AGRICULTURE, FOOD, FORESTRY, IRRIGATION -042202- IRRIGATION DAMS
IN RESPECT OF RESEARCH DIVISION, KARACHI

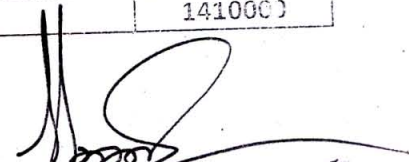
S No	Name of work	Quantity	Amount
1	<i>A-13470 - R & C Research Division.</i>		
	1. Repair and maintenance of vehicle no: GS-5033 Gauging Sub-	i-job	97637
2	<i>A-13570 - E & D Soil Mechanics & Hydraulic Lab</i>		
	1.Providing filling depression arround the compound wall FRS colony Hyderabad.	30000 cft	300000
	2.Providing Antitermite Residential colony and office area gauging sub-Division Kotri.	23000 cft	200000
			500000
3	<i>A-13570 - Others R & C</i>		
	1.Repair and maintenance of motor pump 15Hp & Pipies at Hyderabad	job	60180
4	<i>A-13370 - M & R Research Division</i>		
	1.Providing earth filling depression and making Hassan Ali & Naro gauging sites of gauging sub-Division Kotri.	50000 cft	500000
	2.Jungle clearance to clear the site of Jakri & Ghallyian Gauge site of Gauging Sub-Division Kotri.	50000 cft	500000
	3. Repair and maintenance to the lanes in front of three room type qtr at	780 cft	500000
	4.Repair& Maintenance to the to the sub-Engineer Qtr @ E & R Colony Hyderabad.	10500 sft	250000
	5.Repair and maintenance by cement plaster to the old wall of office Gauging Sub-Division Kotri.	1632 sft	500000
	6.Repair and maintenance to the rating tank and trawly of Gauging sub-division Kotri	job	250000
	7..Providing earth filling depression and making path to Guddu L/B & Desert R/B Gauge sites of Gudu Gauging Sub-Division Kashmore	50000 cft	500000
	8..Jungle clearance to clear Kotla Gauge site of Gudu Gauging sub-Division Kashmore.	13100 sft	100000
	9..Jungle clearance to clear Gudu Gauge site of Gudu Gauging sub-Division Kashmore.	13200 sft	100000
	10.Providing Earth filling to the Garang & Aghamani gauge site of Gauging sub-Division Sukkur	50000 cft	500000
	11.Jungle clearance to clear Akil Gauge site of Gauging sub-Division sukkur	131000 sft	100000
	12.Jungle clearance to clear Rukh R/B Gauge site of Gauging sub-Division sukkur	131000 sft	100000

	13. Repair & maintenance to the ground @ SMHL Baloch colony	560 cft	500000
	14. Repair and maintenance to the compound wall SMHL Baloch colony	550 sft	500000
	Total		4900000
5	<i>A-13370-6 M & R Soil Mechanics Hydraulics Lab:</i>		
	1. Providing cleaning material for Gudu Gauging Sub-Division	job	287490
	2. Providing Earth filling in depression to the different areas near pump rooms of FRS Hyderabad.	50000 cft	500000
	3. POL for vehicle No CF-0714 IRS sub-Division Karachi	job	100000
	4. POL for vehicle No GS-2431 Gauging Sub- Division Kotri.	job	97490
	5. POL for vehicle No GS-937-B Xen Research Divion Karachi.	job	100000
	Total		1084980


EXECUTIVE ENGINEER
RESEARCH DIVISION
KARACHI

PRIORITY WISE 4th Quarter WORK PROGRAMME FOR THE YEAR 2017-
ACCOUNT 1037 - IRRIGATION - 04 - ECONOMIC AFFAIRS - 042 -
AGRICULTURE, FOOD, FORESTRY, IRRIGATION -042202- IRRIGATION DAMS
IN RESPECT OF RESEARCH DIVISION, KARACHI

S No	Name of work	Quantity	Amount
1	A-13470 - R & C Research Division.		
	1. Repair and maintenance of vehicle no: GS-2430 Deputy Director SMHL Hyderabad .	job	96307
2	A-13570 - E & D Soil Mechanics & Hydraulic Lab		
	1. Repair and maintenance of vehicle no: GS-938-B of Director Hydrology & Research in sindh Hyderabad .	job	148999
	2. Providing Antitermite to the surrounding of Training Institute @ Smhl Hyderabad.	42785 sft	477875
			626874
3	A-13570 - Others R & C		
	1. Repair and maintenance of motor pump 25Hp at new model area Hyderabad	job	60180
4	A-13370 - M & R Research Division		
	1. Providing earth filling depression and making path Khanote gauge sites of gauging sub-Division Kotri.	50000 cft	500000
	2. supplying & fixing cast iron pipes for main pump room at SMHL Hyderabad	130 rft	126000
	3. Repair and maintenance to the mosque at DH&R Hyderabad	2100 sft	1000000
	4. Providing Abklani Material for 10 No.s Gauge sites of Kotri Gauging Sub-Division	nos	1000000
	5. Providing Abklani Material for 7 No,s Gauge sites of Gudu Gauging Sub-Division Kashmore	nos	687500
	6. Providing Abklani Material for 5 No,s Gauge sites of Gauging Sub-Division Sukkur.	nos	500000
	7. Providing Abklani Material for 4 No,s Flood warning stations of IRS Sub-Division Karachi.	nos	990000
	Total		4803500
5	A-13370-6 M & R Soil Mechanics Hydraulics Lab:		
	1. Providing Building & cleaning material to the office of DH&R Hyderabad.	job	250000
	2. Providing Earth filling in depression to the different areas near pump rooms of FRS Hyderabad.	50000 cft	500000
	3. Providing Building & cleaning material to the office and colony	job	500000
	4. POL for vehicle No GS-2431 Gauging Sub- Division Kotri.	job	60000
	5. POL for vehicle No GS-937-B Xen Research Divion Karachi.	job	100000
	Total		1410000


EXECUTIVE ENGINEER
RESEARCH DIVISION
KARACHI