

OFFICE OF THE EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG DIVISION NAUSHAHRO FEROZE
SAY NO TO CORRUPTION **Tel;0242-448216.same fax.**

NO.AB/TC/302 /2018
N.Feroze Dated:- 04-05-2018.

To

The Manager,
(Capacity Building)
Sindh Public Procurement Regulatory Authority,
Karachi.

SUBJECT:- NIT NO.AB/TC/301 / Dated:-04-05-2018.

The following documents are sent here with as desired please, Further it is requested that this N.I.T may please be placed on authority **Website**.

1. Notification of Procurement Committee (**Rule-7**).
2. Annual Procurement Plan for FY **2017-18 (Rule-11)**.
3. Notification of of Complaint redressal Committee (**Rule-31**).
4. The eligibility Criteria / evaluation report Criteria mentioned in the **NIT**.
5. Bidding Documents/ Schedule "B" Soft Copy / Hard Copy / USB/CD.
6. The **Standard Bidding Documents** were available at this office from the 1st date of Advertisement and were issued to the interested bidders accordingly.

SPPRA INWARD DIARY
NO : 8807
DATED 07-05-2018


EXECUTIVE ENGINEER
PUBIC HEALTH ENGG: DIVISION
NAUSHAHRO FEROZE

OFFICE OF THE EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING DIVISION NAUSHAHRO FEROZE.

Phone & Fax No.0242-448216.

Email: zamir_soomro@hotmail.com

No.AB/TC/ 301 /2018
N. Feroze Dated:04-05-2018.

Invitation for Bids.

1. This office invites sealed bids from eligible bidders, Procures, Firms Companies registered with **Pakistan Engineering Council** specializations category **CE 09//CE-10** for the following works on standard bidding documents issued by the Sindh Public Procurement Regulatory Authority under **SPP Rules 2010 (amended 2013)**.

S#	NAME OF SUB WORK	ESTIMATED COST In Millions	EARNEST MONTH 2%	TENDER FEE	TIME ALLOWED
1.	P/L/Jointing Fe Rsing Main 6"DIA , Oxidation Pond, RCC Circular Sump Well, and Pump House for Rural Drainage Scheme Darya Khan Jalbani Taluka Bhiria District Naushahro Feroze.	1.00	20000	1000	02 Months
2.	Construction of Surface drains for Rural Drainage Scheme Darya Khan Jalbani Taluka Bhiria District Naushahro Feroze.	0.956	19120	1000	02 Months
3.	Supplying and Installing Diesel Oil Engine, 30 BHP i/c Screening Chamber for Rural Drainage scheme Darya Khan Jalbani Taluka Bhiria District Naushahro Feroze.	0.976	19520	1000	02 Months

MANDATORY REQUIREMENTS.

- a) Valid P.E.C Registration Certificate in relevant category (**Limit of Tender Amount**).
- b) Affidavit in which the bidder undertakes that it is not involved in any litigation.
- c) National Tax Number Certificate and Annual return Statement of FBR for the Year **2017-18**.
- d) Affidavit in which it should be undertaken that the information provided is true and correct.
- e) Affidavit that the bidders has not been **Black listed** by any Government /Semi Government /Autonomous body.
- f) Sindh Revenue Board Registration Certificate of **2017-2018**.
- g) Relevant experience and amount of annual Turn over in lieu of financial capability as per requirement of Rule-46(1) of SPPA Rule **2010 (Amended by 2017)**.
- h) The firm /contractor should submit with Bidding Documents Current Bank Statement showing Bank Balance minimum 20% of bid cost.

Tender documents shall be issued to the firms qualifying the above mentioned conditions.

Then Black tender forms can be obtained from office of the undersigned on application during office hours up to 22-05-2018 on payment of tender fee specified against each work. Tenders will be received back on dated:-23-05-2018 upto 2.00 P.M and will be opened on same date up to 3.00 PM being Executive Engineer/Chairman in the presence Committee Members, contractors or their authorized representative. In case of un responded tenders next date the blank tender form can be obtained from office of the undersigned up to 04-06-2018 up to 2.00 PM on payment of tenders fee specified against each work. The tenders will be received back on same date up to 3.00 PM and will be opened on same dated up to 3.00 PM being Executive Engineer/ Chairman in the presence of Committee Members, Contractors or their authorized representative. The tenders without 2% Earnest money shall not be accepted. Earnest Money of un-successful bidders shall be returned after issuance of work orders of successful bidders.

Conditional or Telegraphic Tenders will not be entertained.

The tender notice (NIT) can also be seen on the Sindh Government Website at www.sindh.gov.pk as well as SPPRA website at

www.pprasindh.gov.pk.

In case of any kind of Pumping Machinery, Pumps and Pipes provided by the contractors must be provide invoice of authorized dealer/ factory/ in Name of Executive Engineer, PHE division Naushahro Feroze with sale tax paid certificate other wise sales tax will be deducted from their bills as per government policy. The undersigned payment made to contractor after receiving verification certificate from authorized dealer/factory of Pumping Machinery, Pumps and Pipes.

Procuring agency may reject all or any bid subjected to relevant provision of **PPRA Rules-2010**.



**EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING DIVISION
NAUSHAHRO FEROZE.**

CC to -

1. The **Chief Engineer**, Public Health Engineering Department, Government of Sindh, Sukkur for favour of his kind information.
2. The **Superintending Engineer**, Public Health Engineering Circle Sukkur for favour of kind information.
3. The **Director (C.B)** Sindh Public Procurement Regulatory Authority (**SPPRA**) Government of Sindh, Barrack NO.8 Sindh Secretariat No.4-A Court Road Karachi along with demand draft/Cheque No. _____ **Dated:-** _____ **2017** amounting to **Rs.2000/=** in the name of Director (A&F) SPPRA Government of Sindh Karachi.
4. The **Members of Procurement** Committee for information.
5. The **Assistant Engineers**, Public Health Engineering Sub Division Naushahro Feroze/ Kandiaro/Bhiria and Moro for information.
6. Notice Board/Head Clerk/Drawing Branch for information.
7. Copy to the **Complaint Redressal Committee** Naushahro Feroze. Copy to Office file.

OFFICE OF THE EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING DIVISION NAUSHAHRO FEROZE

Tel:-0242-448216.same fax.

NO.AB/TC/ 184 /2018
N.Feroze Dated:- 15-03-2018

To

The Superintending Engineer
Public Health Engineering Circle
Sukkur.

SUBJECT:- REQUEST TO CONSTITUTE OF THE PROCUREMENT COMMITTEE.

It is submitted that according to **SPPRA Rules-7** , it is the mandate of the Head of the department to constitute the **Procurement Committee** to look after the tender process.

It is therefore requested that the Worthy Chief Engineer, Public Health Engineering Department, Government of Sindh Sukkur may kindly be approached to constitute the following names of the **Procurement committee** so that **NIT** Called by this office may be processed.

1. **Executive Engineer,**
Public Health Engg: division
Naushahro Feroze. (Chairman).
2. **Assistant Engineer,**
Public Health Engg: Sub Division
Nausahro Feroze. (Member).
3. **Assistant Engineer,**
Highway Sub Division
Mehrabpur. (Member).



EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
NAUSHAHRO FEROZE.

CC to:-

The Chief Engineer, Public Health Engineering Department, Government of Sindh, Sukkur for favour of kind information.



OFFICE OF THE SUPERINTENDING ENGINEER
PUBLIC HEALTH ENGINEERING CIRCLE SUKKUR
PHONE NO: 071-9310134 e-mail: sephecirclesukkur@gmail.com
FAX NO: 071-9310977

Memo No: G/ 1499 /2018

Sukkur Dated: 19/4/2018

To,


The Chief Engineer,
Public Health Engg: Department
Government of Sindh,
Sukkur.

SUBJECT: - REQUEST TO CONSTITUTE OF THE PROCUREMENT COMMITTEE.

In the compliance of SPPRA act-2010 Rule NO: 7 and 8 procurement committee is constituted for the Public Health Engineering Division each as follow: -

1.	Executive Engineer Public Health Engineering Division Naushahro Feroze	(Chairman)
2.	Assistant Engineer Public Health Engg: Sub-Division Naushahro Feroze	(Member)
3.	Assistant Engineer Highway Sub-Division Mehrabbpur	(Member)

The above procurement committees are constituted as per Directive of Sindh Public Procurement Regulatory Authority (SPPRA) may please be approved, so that may be sent to Divisions for in compliance under Rules.


(SHAMASUDDIN SHAIKH)
SUPERINTENDING ENGINEER
PUBLIC HEALTH ENGINEERING CIRCLE
SUKKUR.

C. C to the:

1. Executive Engineer Public Health Engineering Division Naushahro Feroze for information with reference to his letter No: AB/TC/184 dated 15-03-2018.

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OFFICE OF THE EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING DIVISION NAUSHAHRO FEROZE.

Tel:0242-448216 same fax.

NO.AB/TC/ 197 /2018
N.Feroze Dated:-21-03-2018

To

The Superintending Engineer,
Public Health Engineering circle
Sukkur.

SUBJECT NOTIFICATION OF COMPLAINT REDRESSAL COMMITTEE (RULE-31).

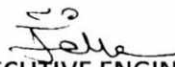
It is to submit that in terms of Rule-31 of SPPRA. There must be a complaint Redressal Committee to be formed comprising an Officer at least one rank Senior of the Executive Engineer in terms of Rule-31 (2) a representative of A.G Sindh the Divisional Accounts Officer of this Division in terms of Rule-31 (2) (a) and an independent of professional from Engineer Filed be nominated by the Chief Engineer, being Head of the Department in terms of Rule-31(2) (b).

The Complaint Redressal Committee Members are proposed as under according to Rule-31(a) Rule-31 (2) (b) for Notification please.

1. Mr. Shamsuddin Shaikh
Superintending Engineer
Public Health Engineering Circle
Sukkur.
2. Mr. Nazir Ahmed Khokhar
Divisional Accounts Officer
Highway Division Naushahro Feroze.
3. Mr. Ghullam Shabir Shaikh.
Executive Engineer
Building Division Naushahro Feroze.

The SPPRA vide its letter No.A.D(ASMT)SPRA/37227/ 2018/1916, Dated:- 20-03-2018. required the Notification of Complaint Redressal Committee which is necessitated to be submitted there.

It is therefore requested that the Chief Engineer, PHED Government of Sindh Sukkur may be requested for issue of Notification so that infirmity as pointed out may be fulfilled.


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG; DIVISION
NAUSHAHRO FEROZE

CC TO:-

1. THE Chief Engineer, Public ;Health Engineering Department, Government of Sindh, Sukkur for information.
2. The Manager, SPPRA Government of Sindh, Public Procurement Regulatory Authority Karachi Barrake NO.8 Sindh Secretariat NO.4-A Court Road Karachi for information.



OFFICE OF THE SUPERINTENDING ENGINEER
PUBLIC HEALTH ENGINEERING CIRCLE SUKKUR
PHONE NO: 071-9310134 e-mail: sephecirclesukkur@gmail.com
FAX NO: 071-9310977

Memo No: G/ 1498 /2018

Sukkur Dated: 19/4/2018


To,

The Chief Engineer,
Public Health Engg: Department
Government of Sindh,
Sukkur.

SUBJECT: - NOTIFICATION OF COMPLAINT REDRESSAL COMMITTEE (RULE-31).

Kindly find enclosed herewith a letter No: AB/TC/197 dated 21-03-2018 received from Executive Engineer Public Health Engineering Division Naushahro Feroze on the above subjected matter for favour of information and issuance of necessary notification in this regard.

DA/AS ABOVE


(SHAMASUDDIN SHAIKH)
SUPERINTENDING ENGINEER
PUBLIC HEALTH ENGINEERING CIRCLE
S A SUKKUR.

C. C to the: -

1. Executive Engineer Pubic Health Engineering Division Naushahro Feroze for information with reference to his letter No: cited above.

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ANNUAL PROCUREMENT PLAN
(PUBLIC HEALTH ENGG: DIVISION NAUSHAHRO FEROZE)
FOR THE FINANCIAL YEAR 2017-18 (SPPRA RULE-11)..

Sr.#	Description of Procurement	Quantity (Where Applicable)	Estimated Unit Cost (Where Applicable)	Estimated Total Cost	Funds Allotted	Source of Funds (ADP/ Non ADP)	Proposed Procurement Method	Timing of Procurement				Remarks
								1 st Qtr.	2 nd Qtr.	3 rd Qtr.	4 th Qtr.	
1	2	3	4	5	6	7	8	9	10	11	12	13
1.	(1) P/L/Jointing Fe Ring Main 6"DIA , Oxidation Pond, RCC Circular Sump Well, and Pump House for Rural Drainage Scheme Darya Khan Jalbani Taluka Bhiria District Naushahro Feroze	3	1.00	1.00	3.00	Provincial ADP	Single	1.00	-	-	-	-
2.	(2) Construction of Surface Drains for Rural Drainage Scheme Darya Khan Jalbani Taluka Bhiria District Naushahro Feroze.	-	0.956	0.956	-	Provincial ADP	Single	0.956	-	-	-	-
3	(3) Supplying and Installing Diesel Oil Engine, 30 BHP i/c Screening Chamber for Rural Drainage scheme Darya Khan Jalbani, Taluka Bhiria, District Naushahro Feroze.	-	0.976	0.976	-	Provincial ADP	Single	0.976	-	-	-	-

Feroze

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
NAUSHAHRO FEROZE

PUBLIC HEALTH ENGINEERING DIVISION NAUSHAHRO FEROZE.

STANDARD BIDDING DOCUMENTS

PROCUREMENT OF WORKS (SPPRA BIDDING DOCUMENTS)
For Contractors Costing upto 2.500 Million.

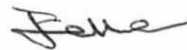
Reference N.I.T NO. AB/TC/301 / Dated:-04-05- -2018.

Name of Work:- (3) Supplying and Installing Diesel Oil Engine, 30 BHP
i/c Screening Chamber for Rural Drainage scheme **Darya
Khan Jalbani**, Taluka Bhiria, District Naushahro Feroze.

Issue to:- M/S/MR. _____ Government
Contractor.

D.R No. Dated:- Tender Fee **Rs.1000** /=
Date of Issue:-**22-05-2018** Dated of Opening **23-05-2018**.

STANDARD BIDDING DOCUMENTS IS INTENDED AS A
MODEL FOR ADMEASUREMENTS (PERCENTAGE RATE FOR UNIT RATES IN
A BILL OF QUANTITIES TYPES OF CONTRACTOR THE MAIN TEXT REFERS
TO ADMEASUREMENTS CONTRACTORS.



EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
NAUSHAHRO FEROZE

BIDDING DATA

(This section should be filled by the Office of the Executive Engineer, Public Health Engineering Division Naushahro Feroze before issuance of the bidding documents.

(a)	Name of Procuring Agency:-	Executive Engineer Public Health Engineering Division Naushahro Feroze.
(b)	Brief Description of Works:-	(3) Supplying and Installing Diesel Oil Engine, 30 BHP i/c Screening Chamber for Rural Drainage scheme Darya Khan Jalbani Taluka Bhiria District Naushahro Feroze.
(c)	Procuring Agency's Address:-	Executive Engineer P.H.E Division Naushahro Feroze Near Railway Station Naushahro Feroze.
d	Estimated Cost:-	Rs 0.976 Million.
e	Amount of Bid Security (2%)	Rs. 19520/=.
f	Period of Bid Validity (days):-	90 Days (Not more than Ninety days).
g	Security Deposit i/c Bid Security.	10%
h	Percentage, if any to be deducted from bills.	7.50% (Income Tax deduction and 08% Security Deposit.
i	Deadline for submission of Bids along with time.	
J	Venue, Time, and Date of Bid opening.	P.H.E Division Naushahro feroze on Dated:- 23-05-2018.
K	Time for completion from written order of commence.	02 Months.
L	Liquidity Damages.	(01% on estimated cost per day subject to Minimum of 08%.
M	Deposit Receipt No. Date and Amount in words and figure.	CD No. _____ Dated:- 2018. Amount Rs. /= Bank _____ _____ M/S/Mr. _____.



**EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
NAUSHAHRO FEROZE.**

SCHEDULE "B"

Name of Work: - **Supplying and Installing Diesel Oil Engine 30 BHP i/c Screening Chamber , for Rural Drainage Scheme Darya Khan Jalbani Taluka Bhiria District Naushahro Feroze.**

S.No	Description of Item	Qty	Rate	Unit	Amount
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PART-I. SUPPLYING INSTALLING DIESEL OIL ENGINE 30 BHP FOR RURAL DRAINAGE SCHEME DARYA KHAN JALBANI TALUKA BHIRIA.

- 1+ Providing and installing in position i/c transportation to site for Rural Drainage scheme 30 BHP Diesel Oil Engine fixed of 1450 RPM i/c all required accessories coupled with KSB non clogging pump type KWP-65-315 (including steel frame on base plate coupled i/c KSB coupling i/c alignment charges capable Discharge 320 GPM against the head of 110 ft i/c installed pumping set on cement concrete foundation Ratio 1:2:4 and 1:4:8 with stone ballas with MS nut bolts 5/8" thick to be embedded capable in cc foundation i/c testing the pumping machinery sets 72 hours etc complete.

Qty: 01 set @ Rs. 693000/= P.Set. Rs.693000/=

B- INTER CONNECTION.

1. Supplying CI bend of flanged ends with holes i/c turning and facing of flanges FOR ALL SIZE (smi No.8 Page No.11) 4" dia.

Qty: 1.22 cwt @ Rs.6096/= P.cwt. Rs.7437/=

2. Manufacturing and installing MS Pipe 3" dia made out of shett 3/16" thick (Based on schedule item).
M.S Pipe 3" dia.

Qty: 10.00 Rft @ Rs.385/89/= P.Rft. Rs.3859/=

3. Manufacturing and installing with Elding MS flages 3" dia made out of MS sheet 3/8" thick cutting drilling holes etc complete.

Qty: 5 Nos @ Rs.749/34 Each. Rs.3747/=

4. Supplying ci tapered flate bottomed or central tapered flanged ends with holes i/c turning and facing of flanged for all size.
(SMI No.9 Page No.11) 4" dia.

Qty: 0.58 cwt @ Rs.6096/00 P.cwt Rs.3536/=

5. Providing Laying and fixing in trenches i/c fitting joining and testing etc complete in all respect the high density. Polyethylene PE Pipes (HDPE-100) for W/S confirming ISO 4427/DIN8074/8075 BS 3580 and PSI 3051 (PHSI No.i Page No.26)

For suction 90 mm.

Qty: 12.00 rft @ Rs.178/- P.Rft Rs.2136/=

	For delievery 160 mm.		
	Qty: 20.00 rft @ Rs.530/-	P.Rft	Rs.12190/=
6.	Supplying CI Foot valve heavy patt3er test pressure (PHSI No of material No.6 Page No.15) 3"dia.		
	Qty: 1 No. @ Rs.731/25	Each	Rs.731/=
7.	Supplyintg CI Sluice valve heavy pattern test pressure (PHSIof material 1 no.2 page No.97). 3"DIA.		
	Qty: 1 No. @ Rs.9360/=	Each	Rs.9360/=
8.	Supplying of CI Reflex valve heavy pattern test pressure (PHSI NO. of material 1 No.2 Page No.97).\		
	6"dia. Qty: 1 No. @ Rs.4062/50	Each	Rs.4063/=
	3"dia. Qty: 1 No. @ Rs.1543/75	Each	Rs.1544/=
9.	Jointing CI / MS flanged pipe or special flanged ends inside a trenches i/c supplying rubber packing of the required thickness nuts bolts with washers etc and other tools required for jointing and testing to the specified pressure etc complete (PHSI No.1 P.35).		
	6"dia. Qty: 07 Joints @ Rs.938/=	P.Joint	Rs.6566/=
	3"dia. Qty: 05 Joints @ Rs.499/=	P.Joint	Rs.2495/=.
10.	But fusion joints.		
	6"dia. Qty: 05 Nos @ Rs.1000/=	Each	Rs.5000/=
	3"dia. Qty: 02 Nos @ Rs.600/=	P.Joint	Rs.2400/=.
11.	Flange Adapter (NSI).		
	6"dia. Qty: 05 Nos @ Rs.2025/=	Each	Rs.10125/=
	3"dia. Qty: 02 Nos @ Rs.675/=	P.Joint	Rs.2700/=.
			Total Rs.774896/=

PART-II. SCREENING CHAMBER SIZE 5'x8'.

1. Excavation for tanks and reservoirs in soft soil /cally or mud i/c(triming and dressing sides to true alignment / design sections profiles and shape levelling of beds of tanks to correct level and grade i/c laying of earth in 6 layers for construction of banks and dresing and disposal of surplus. Excavated earth within one chain as directed by Engineer Incharge i/c Providing fence gaurds flags where ever required lift upto 5 ft (1.52 m) and lead upto one chain (30.5) m extra for wet earth works (PHSI No. 1 Page No.67).

Qty; 275.625 cft @Rs.3000/00 P% cft.

Rs.827/=

2. Excavation for tanks and reservoirs in wet soil /cally or mud i/c(triming and dressing sides to true alignment / design sections profiles and shape levelling of beds of tanks to correct level and grade i/c laying of earth in 6 layers for construction of banks and dresing and disposal of surplus. Excavated earth within one chain as directed by Engineer Incharge i/c Providing fence gaurds flags where ever required lift upto 5 ft (1.52 m) and lead upto one chain (30.5) m extra for wet earth works (PHSI No. 1 Page No.67).

Qty; 236.25 cft @Rs.4800/00 P% cft.

Rs.1134/=

3. Excavation for tanks and reservoirs in slushy and daldally /cally or mud i/c(triming and dressing sides to true alignment / design sections profiles and shape levelling of beds of tanks to correct level and grade i/c laying of earth in 6 layers for construction of banks and dresing and disposal of surplus. Excavated earth within one chain as directed by Engineer Incharge i/c Providing fence gaurds flags where ever required lift upto 5 ft (1.52 m) and lead upto one chain (30.5) m extra for wet earth works (PHSI No. 15 Page No.52).

Qty; 78.75 cft @Rs.7200/00 P% cft.

Rs.567/=

4. Cement concrete plain i/c placing compacting finishing and curing i/c screening and washing of swtone aggregate without shuttering (CSI no. 5 Page No.17). Ratio 1:4:8.

Qty; 59.06 cft @Rs.11288/75 P% cft.

Rs.6667/=

5. Reinforcement cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending for and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c Screening and washing of Shingle, (a) RCC work in roof slab beams columns raft lintels and other structural members laid in situe or pre cost laid in positive complete in (Ratio 1:2:4) (C.S.I No.6 P.No.18)

Qty: 249.25 cft @ RS.337/00 P-Cft

Rs.83997/=

6. Fabrication of mild steel reinforcement for i/c cement concrete i/c cutting bending laying in position making joint sand fastening i/c cost of binding wire also i/c removal of rust from bars (C.S.I NO.7 P.No.18).
Steel provide @ Rs.4.50 Lbs/Cft of RCC.
- Qty: 9.21 cwt at Rs.5001/70 P-Cwt **Rs.46066/=**
7. Pacca brick work in foundation and plinth in cement sand mortar ratio 1:6 (CSI No. 4 Page No. 21).
- Qty: 12.07 cft at Rs.11948/36 P% cft **Rs.1442/=**
8. Cement plaster 1:4 ½" thick upto 20' height (CSINo. 11 P. No.57).
- Qty: 44.65 sft at Rs.2283/93 P% sft **Rs.1020/=**
9. Excavation for pipe lines in trenches and its pits in soft soils i/c trimming and dressing sides to tru alignment shape leveling of beds of correct level surplus earth within a one chain is directed by Engineer In charge providences guards lifts flanges and temporary crossing for non vehicular traffic wherever required lift upto 5' and lead upto one chain (PHSI NO.1 Page No.38).
For 15" dia RCC Pipe.
- Qty: 256.00 cft at Rs.3000/= P% Cft **Rs.768/=**
10. Providing RCC pipe of ASTM C-76-62 T/C-7-70 ClassB wall and fixing in trenches i/c cutting fitting and joining with rubber ring i/c testing with water to specified pressure (PHSI No.1 Page No.17).
- Qty: 16.00 Rft at Rs. 618/0 P-Rft. **Rs.9888/=**
11. Fabrication of heavy steel work with angle tees flat iron round iron sheets iron for making trenches handing girders tanks etc i/c cutting drilling riveting assembling and fixing but including errection in position (C.S.I No.16 Page No.89).
- Qty 1.13 cwt at Rs.2928/49 P.Cwt **Rs.3309/=**
12. Erecting rolled steel beams or raft errection for iron etc (CSI No. 3 Page No.96).
- Qty 1.13 cwt at Rs.271/04 P.Cwt **Rs.306/=**
13. Providing fixing and CI Main holes cover with frame i/c cost of material (PHSI No. 1 Page No.23).
- Qty: 2.00 cwt at Rs.6985/00 P-cwt **Rs.13970/=**

14. Providing construction joint concrete work of 9 wide corrugated PVC water stop with bulb i/c soldering and cost of material and labour etc complete (PHSI No.12 Page No.37).

Qty 29.00 sft at Rs.282/17 P.rft Rs.8183/=

15. Refilling the excavated staff in trenches in 6"layers i/c watering rammimg to full compacting etc complete (PHSI No.24 P.No.47).

Qty 761.95 cwt at Rs.2760/00 P.Cwt Rs.2103/=

Total Rs.181155/=

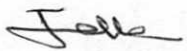
ABSTRACT OF SCHEDULE B".

S. N O.	NAME OF WORK	<i>SCHEDULE ITEMS</i>	NON SCHEDULE ITEMS	TOTAL SCH:B
1	Diesel Oil Engine	Rs.69071/=	RS.705825/=	Rs.774896/=
2	Screening Chamber.	Rs.181155/=	RS. NIL	Rs.181155/=
	Total	Rs.250226/=	Rs.705825/=	Rs.956051/=

CERTIFICATE.

1. Any error or omission in the description of items or rates the original estimate schedule of rates will be ref to correct accordingly.
2. No premium will be allowed on non-schedule items.
3. The work will be carried out according to the drawing design and specifications
4. shown in the estimate.

(CONTRACTOR)


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG DIVISION
NAUSHAHRO FEROZE.

SPPRA BIDDING DOCUMENT

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS

(For Contracts Costing up to Rs 2.5 MILLION)

Standard Bidding Document is intended as a model for admeasurements (Percentage Rate/unit price for unit rates in a Bill of Quantities) types of contract. The main text refers to admeasurements contracts.



Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors.

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and *Contract Data*.

The *Instructions to Bidders* will not be part of the Contract and will cease to have effect once the contract is signed.

1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time

allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

The envelope containing the tender documents shall refer the name and number of the work.

6. All works shall be measured by standard instruments according to the rules.
7. Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.
8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.
9. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.
10. Bid without bid security of required amount and prescribed form shall be rejected.
11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis:
 - (A) In case of schedule rates, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
 - (B) In case of item rates, If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
 - (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

BIDDING DATA

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a). Name of Procuring Agency _____
- (b). Brief Description of Works _____
- (c). Procuring Agency's address:- _____
- (d). Estimated Cost:- _____
- (e). Amount of Bid Security:- _____ (Fill in lump sum amount or in % age of bid amount /estimated cost. but not exceeding 5%)
- (f). Period of Bid Validity (days):- _____ (Not more than sixty days).
- (g). Security Deposit:- (including bid security):- _____
(in % age of bid amount /estimated cost equal to 10%)
- (h). Percentage, if any, to be deducted from bills :- _____
- (i). Deadline for Submission of Bids along with time :- _____
- (j). Venue, Time, and Date of Bid Opening:- _____
- (k). Time for Completion from written order of commence: - _____
- (L). Liquidity damages:- _____ (0.05 of Estimated Cost or Bid cost per day of delay. but total not exceeding 10%).
- (m). Deposit Receipt No: Date: Amount:(in words and figures)

(Executive Engineer/Authority issuing bidding document)



Conditions of Contract

Clause – 1: Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion of 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 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.

Clause – 2: Liquidated Damages. 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 exists:-
- (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.

Clause -5: Extension of Intended Completion Date. 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.

Clause – 7: Payments.

- (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 far 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.

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 writing subject to the limit not exceeding the contract cost by of 15% 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 contract 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. 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.
- (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. 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. 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/Procuring Agency

BILL OF QUANTITIES

(A) Description and rate of Items based on Composite Schedule of Rates.

Item No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6

Amount TOTAL (a)

_____ % above/below on the rates of CSR.

Amount to be added/deducted on the basis
Of premium quoted. TOTAL (b)

Total (A) = a+b in words & figures:

Contractor

Executive Engineer/Procuring Agency

(B) Description and rate of Items based on Market (Offered rates)

Item No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees

Total (B) in words & figures:

Contractor

Executive Engineer/Procuring Agency

Summary of Bill of Quantities.

Cost of Bid Amount

1. (A) Cost based on Composite Schedule of Rates.

2. (B) Cost based on Non/Offered Schedule of Rates.

TOTAL COST OF BID (C) = Total (A) + Total (B)

Contractor

Executive Engineer/Procuring Agency

PUBLIC HEALTH ENGINEERING DIVISION NAUSHAHRO FEROZE.

STANDARD BIDDING DOCUMENTS

**PROCUREMENT OF WORKS (SPPRA BIDDING DOCUMENTS)
For Contractors Costing upto 2.500 Million.**

Reference **N.I.T NO. AB/TC/301 / Dated:-04-05- -2018.**

Name of Work:- **(2) Construction of Surface Drains for Rural
Drainage Scheme **Darya Khan Jalbani** Taluka
Bhiria District Naushahro Feroze.**

Issue to:- **M/S/MR. _____ Government
Contractor.**

D.R No. _____ Dated:- _____ Tender Fee **Rs.1000 /=-**
Date of Issue:-**22-05-2018** Dated of Opening **23-05-2018.**

**STANDARD BIDDING DOCUMENTS IS INTENDED AS A
MODEL FOR ADMEASUREMENTS (PERCENTAGE RATE FOR UNIT RATES IN
A BILL OF QUANTITIES TYPES OF CONTRACTOR THE MAIN TEXT REFERS
TO ADMEASUREMENTS CONTRACTORS.**

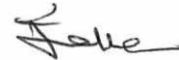


**EXECUTIVE ENGINEER
PUBIC HEALTH ENGG: DIVISION
NAUSHAHRO FEROZE**

BIDDING DATA

(This section should be filled by the Office of the Executive Engineer, Public Health Engineering Division Naushahro Feroze before issuance of the bidding documents.

(a)	Name of Procuring Agency:-	Executive Engineer Public Health Engineering Division Naushahro Feroze.
(b)	Brief Description of Works:-	(2) Construction of Surface drains for Rural Drainage Scheme Darya Khan Jalbani Taluka Bhiria District Naushahro Feroze.
(c)	Procuring Agency's Address:-	Executive Engineer P.H.E Division Naushahro Feroze Near Railway Station Naushahro Feroze.
d	Estimated Cost:-	Rs 0.956 Million.
e	Amount of Bid Security (2%)	Rs. 19120/=.
f	Period of Bid Validity (days):-	90 Days (Not more than Ninety days).
g	Security Deposit i/c Bid Security.	10%
h	Percentage, if any to be deducted from bills.	7.50% (Income Tax deduction and 08% Security Deposit.
i	Deadline for submission of Bids along with time.	-
J	Venue, Time, and Date of Bid opening.	P.H.E Division Naushahro feroze on Dated:- 23-05-2018.
K	Time for completion from written order of commence.	02 Months.
L	Liquidity Damages.	(01% on estimated cost per day subject to Minimum of 08%.
M	Deposit Receipt No. Date and Amount in words and figure.	CD No. _____ Dated:- 2018. Amount Rs. / = Bank _____ _____ M/S/Mr. _____.



**EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
NAUSHAHRO FEROZE.**

SCHEDULE "B"

Name of Work: - **Construction of Surface Drains, for Rural Drainage Scheme Darya Khan Jalbani Taluka Bhiria District Naushahro Feroze.**

S.No	Description of Item	Qty	Rate	Unit	Amount
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PART-I. SURFACE DRAINS.

1. Excavation in foundation of building Bridges and other structure Include Dug bailing dressing refilling around the structure with Excavated earth watering and ramming etc.complete.Lead up to 1 chain lift up to 5'ft (CSI No.18 P.No.4).

Qty:6000.00 Cft Rs.3176/25 P.%0 Cft Rs.19058/=
2. Cement concrete plain including placing compacting and curing complete i/c screening and washing of stone aggregate without shuttering and washing of stone (CSI No.5 P.No.17) 1. Ratio 1:4:8.

Qty: 750.00 cft at Rs.11288/75 P.% cft Rs.84666/=
3. Pacca Brick Work in foundation upto Plinth in cement sand mortar.(Ratio 1:6) (CSI No:3 e P.No:25).

Qty: 3000.00 cft at Rs.11948/36 P.% cft Rs.358451/=
4. Construction of Standard Open Drain cunette block of Cement concrete (1:2:4) cost in situ to design profile i/c cost of mold as per drawing i/c applying floating coat of cement 1/32" thick be the exposed face finished along with curing etc complete as per detailed drawing (P.H.S.I No. .D P.No.44).

Type II: Qty: 1000.00 Rft @ Rs.174/00 P.Rft. Rs.174000/=
5. Cement plaster 1:4 upto 20' height 1/2" thick (CSI No.11 P.50).

Qty: 4000.00 sft @ Rs.2283.93 P.% sft. Rs.91357/=
6. RCC work i/c all labour and material except the cost of steel Reinforcement and its labour for bending binding which will be Paid separately. This rate also including all kind of forms moulds Lifting shuttering curing rendering and finishing to be exposed Surface i/c Screening and washing of Stone.RCC work in Roof slab beams columns rafts lintels and other structure member laid in situe or pre-cost laid in position Complete in all respects (I) Ration 1:2:4 lbs cement 2 cft sand 4 cft shingle 1/8" to 1/4" Guage (CSI No.6 Page No.49).

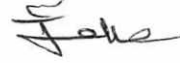
Qty: 90.00 Cft at Rs.337/= P.cft Rs.30330/=

7. Fabrication of Mild Steel reinforcement concrete for CC i/c
Cutting, Bending Laying in position making joints and fastening
i/c Cost of binding wire also including removal of rust from bars
(CSI No.7 P.No.18).

Qty: 3.21 Cwt. at Rs.5001/70 P/Cwt.

Rs.16077/=
Total Rs.773938/=

(CONTRACTOR).



**EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
NUSHAHRO FEROZE.**

SPPRA BIDDING DOCUMENT

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS

(For Contracts Costing up to Rs 2.5 MILLION)

Standard Bidding Document is intended as a model for admeasurements (Percentage Rate/unit price for unit rates in a Bill of Quantities) types of contract. The main text refers to admeasurements contracts.



Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors.

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 - (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

BIDDING DATA

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a). Name of Procuring Agency _____
- (b). Brief Description of Works _____
- (c). Procuring Agency's address:- _____
- (d). Estimated Cost:- _____
- (e). Amount of Bid Security:- _____ (Fill in lump sum amount or in % age of bid amount /estimated cost. but not exceeding 5%)
- (f). Period of Bid Validity (days):- _____ (Not more than sixty days).
- (g). Security Deposit:- (including bid security):- _____
(in % age of bid amount /estimated cost equal to 10%)
- (h). Percentage, if any, to be deducted from bills :- _____
- (i). Deadline for Submission of Bids along with time :- _____
- (j). Venue, Time, and Date of Bid Opening:- _____
- (k). Time for Completion from written order of commence: - _____
- (L). Liquidity damages:- _____ (0.05 of Estimated Cost or Bid cost per day of delay. but total not exceeding 10%).
- (m). Deposit Receipt No: Date: Amount:(in words and figures)

(Executive Engineer/Authority issuing bidding document)



Conditions of Contract

Clause – 1: Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion of 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 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.

Clause – 2: Liquidated Damages. 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 exists:-
- (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.

Clause -5: Extension of Intended Completion Date. 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.

Clause – 7: Payments.

- (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 far 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.

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 writing subject to the limit not exceeding the contract cost by of 15% 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 contract 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. 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.
- (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. 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. 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/Procuring Agency

BILL OF QUANTITIES

(A) Description and rate of Items based on Composite Schedule of Rates.

Item No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6

Amount TOTAL (a)

_____ % above/below on the rates of CSR.

Amount to be added/deducted on the basis
Of premium quoted. TOTAL (b)

Total (A) = a+b in words & figures:

Contractor

Executive Engineer/Procuring Agency

(B) Description and rate of Items based on Market (Offered rates)

Item No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees

Total (B) in words & figures:

Contractor

Executive Engineer/Procuring Agency

Summary of Bill of Quantities.

Cost of Bid	Amount
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1. (A) Cost based on Composite Schedule of Rates.	
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2. (B) Cost based on Non/Offered Schedule of Rates.	
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TOTAL COST OF BID (C) = Total (A) + Total (B)

Contractor

Executive Engineer/Procuring Agency





PUBLIC HEALTH ENGINEERING DIVISION NAUSHAHRO FEROZE.

STANDARD BIDDING DOCUMENTS

PROCUREMENT OF WORKS (SPPRA BIDDING DOCUMENTS)
For Contractors Costing upto 2.500 Million.

Reference N.I.T NO. AB/TC/301 / Dated:-04-05- -2018.

Name of Work:- (1) P/L/Jointing Fe Rsing Main 6"DIA , Oxidation Pond, RCC Circular Sump Well, and Pump House for Rural Drainage Scheme **Darya Khan Jalbani** Taluka Bhiria District Naushahro Feroze.

Issue to:- M/S/MR. _____ Government Contractor.

D.R No. _____ Dated:- _____ Tender Fee **Rs.1000** /=
Date of Issue:-**22-05-2018** Dated of Opening **23-05-2018**.

STANDARD BIDDING DOCUMENTS IS INTENDED AS A MODEL FOR ADMEASUREMENTS (PERCENTAGE RATE FOR UNIT RATES IN A BILL OF QUANTITIES TYPES OF CONTRACTOR THE MAIN TEXT REFERS TO ADMEASUREMENTS CONTRACTORS.

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EXECUTIVE ENGINEER
PUBIC HEALTH ENGG: DIVISION
NAUSHAHRO FEROZ

BIDDING DATA

(This section should be filled by the Office of the Executive Engineer, Public Health Engineering Division Naushahro Feroze before issuance of the bidding documents.

(a)	Name of Procuring Agency:-	Executive Engineer Public Health Engineering Division Naushahro Feroze.
(b)	Brief Description of Works:-	(1) P/L/Jointing Fe Rsing Main 6"DIA , Oxidation Pond, RCC Circular Sump Well, and Pump House for Rural Drainage Scheme Darya Khan Jalbani Taluka Bhiria District Naushahro Feroze.
(c)	Procuring Agency's Address:-	Executive Engineer P.H.E Division Naushahro Feroze Near Railway Station Naushahro Feroze.
d	Estimated Cost:-	Rs 1.00 Million.
e	Amount of Bid Security (2%)	Rs. 20000/=.
f	Period of Bid Validity (days):-	90 Days (Not more than Ninety days).
g	Security Deposit i/c Bid Security.	10%
h	Percentage, if any to be deducted from bills.	7.50% (Income Tax deduction and 08% Security Deposit.
i	Deadline for submission of Bids along with time.	
J	Venue, Time, and Date of Bid opening.	P.H.E Division Naushahro feroze on Dated:- 23-05-2018.
K	Time for completion from written order of commence.	02 Months.
L	Liquidity Damages.	(01% on estimated cost per day subject to Minimum of 08%.
M	Deposit Receipt No. Date and Amount in words and figure.	CD No. _____ Dated:- 2018. Amount Rs. /= Bank _____ _____ M/S/Mr. _____.



**EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
NAUSHAHRO FEROZE.**

.SCHEDULE "B"

Name of Work: - **P/L/ Jointing FC Rising Main 6"dia, Oxidation Pond, RCC circular sump well, and Pump House for Rural Drainage Scheme Darya Khan Jalbani Taluka Bhiria District Naushahro Feroze.**

S.No	Description of Item	Qty	Rate	Unit	Amount
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PART-I. PROVIDING LAYING JOINTING FC RISING MAIN 6"DIA.

1. Dismantling and removing road metalling (Csi No.51 Page No.13).
Qty: 72.00 cft @ Rs.605/= P% cft Rs.436/=
2. Excavation for pipe lines in trenches pits in soft soil i/c trimming dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joint holes and disposal of Surplus Earth within one chain as directed by Engineer Incharge fence guards, lights, flags and temporary crossing for non vehicular traffic wherever required lift up to 5'ft and lead upto one chain (P.H.S.I No.14 P.No.67).
For F.C.Pipe 6"dia.
Qty: 800.00 cft @ Rs.3600/= P% 0cft Rs.28800/=
3. Providing laying jointing FC Pressure pipe B class with one coller and one Pair rubber ring with each pipe (Test Pressure 122 meter or 400 ft) water head (phsi no.f-I Page No.25).
6"dia.
Qty: 100.00 cft @ Rs.472/50 P.Rft Rs.47253/=
4. Supplying of CI specials for FC Pipe (Standard-weight) for FC Pipe B class (SMI No.1 Page No.99).
T/Piece 6" Dia.
Qty: 1.0 Nos @ Rs.618/75 Each Rs.619/-
Band 45*- 6"Dia.
Qty: 2.0 Nos @ Rs.1787/50 Each Rs.3575
Band 90*- 90"Dia.
Qty: 2.0 Nos @ Rs.2212/50 Each Rs.4425/-
5. Fc comet joint B class (SMiNo.4 Page No.4).
6"dia.
Qty: 6.0 Nos @ Rs.194/00 Each Rs.1164/-

6.	Butt fusion joints 6" dia.		
	Qty: 4.0 Nos @ Rs.1000/00	Each	Rs.4000/-
7.	Flange adapter (NSI)		
	Qty: 4.0 Nos @ Rs.2025/00	Each	Rs.8100/-
8.	Supplying one pair of rubber rings for Fc pressure pipe B class (SMI No. 7 Page No.90). 6" dia.		
	Qty: 12.0 pairs @ Rs.129/00	P.Pair	Rs.1548/-
9.	CI sluice valve heavy pattern (Test pressure) 21 kg per sq or 300 lbs inch (SMi No.2 b page No.12). 6" dia.		
	Qty: 02.0 Nos @ Rs.9360/00	P.Pair	Rs.18720/-
10.	Making joints CI specials fitting i/c laying of the required diameter and testing the joint alongwith AC Pressure pipe line to the specified pressure and making good to all leaky joints etc complete (PHSI NO.f Page No.50).		
	Qty: 10.00 joints @ Rs.72/00	P.joint	Rs.720/-
11.	Jointing CI MS flanged and specials flanged and inside a trenches i/c supplying rubber packing of the er3equired thickness nuts bolts with washers etc and others tools required for jointing and testing the joint to the specifried pressure etc complete. 6" dia		
	Qty: 05.00 joints @ Rs.938/00	P.joint	Rs.4690/-
12.	Providing chamber 3'x2'(915x 615) inside dimension 4 ½" (1372 mm) deep as per approved design for sluice valve 3" to 12" dia with 18" (457 mm) dia inside cost iron cover and frame (wt=1 cwt 3 sqr) fixed in RCC (1:2:4) (102 mm) thick (with 5 lbs steel per cft 9" (299 mm) thick brick masonary walls set in 1:6 cment mortar 6" (1152 mm) thick cment concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:2:4 flooring 2 ½" (12.5 mm).thick cement plaster 1:3 to all inside walls surface and to tip i/c providing and fixing MS foot rest at every one foot beyond 2 ½" ft depth curing excavation back filling and disposal of surplus earth etc complete (PHSI No.1 Pge No.49).		
	Qty: 2.00 nos @ Rs.18820/00	P.joint	Rs.37640/-

13.	Providing laying and fixing in trenches i/c fitting jointing and testing complete in all respect the high density polyethylene PE pipes (HDPE-100) for W/S confirming iso 4427/DIN8074/8075 BS 3580 and PSI 3051 (PHSI No. F(i) Page 25).			
	6" dia (160 mm).			
	Qty: 40.00 rft @ Rs.440/00	P.rft		Rs.17600/-
14.	Manufacturing and installing MS Pipe made out MS sheet 3/16" (4mm thick i/c cutting folding proper curvature shape i/c welding etc complete (Rate approved based on schedule item).			
	Qty: 04.00 rft @ Rs.884/77	P.rft		Rs.3539/-
15.	C.I Bend with flanged and with holes i/c turning and facing of flanges For all sizes (PHSI No.9 (8) Page No.98).			
	6" dia.			
	Qty: 0.73 cwt @ Rs.6096/=	P.Cwt		Rs.4436/=
16.	Refilling excavated stuff in trenches as 6" thick layers i/c watering ramming to full compacting etc complete (PHSI No.24 P.No.33).			
	Qty: 6400.00 cft @ Rs.2760/-	P.% 0 cft		Rs.17664/=
			Total	Rs.163111/=

PART-II. OXIDATION POND I/C SUMP WELL.

1.	Excavation for tanks and reservoirs in soft soil /i/c trimming and dressing sides to true alignment/design sections profiles and shape leveling of beds of tanks to correct level and grade i/c laying of earth in 6" layer for construction of banks and dressing and disposal of surplus. Excavated earth within one chain as directed by Engineer In charge i/c providing fence guards. Flags where ever required lift upto 5 feet (1.52 M) and lead upto one chain (30.5 M). (PHS.I No. 1 Page 49).			
	i) Depth 0-5'			
	Qty: 425147.91 cft @ Rs.3000/=	P%0 Cft.		Rs.127545/=
2.	Excavation for tanks and reservoirs in wet soil or i/c trimming and dressing sides to true alignment/design sections profiles and shape leveling of beds of tanks to correct level and grade i/c laying of earth in 6" layer for construction of banks and dressing and disposal of surplus. Excavated earth within one chain as directed by Engineer In charge i/c providing fence guards. Flags where ever required lift upto 5 feet (1.52 M) and lead upto one chain (30.5 M). (PHS.I No. 14 Page 74).From 0 to 5'ft			
	i) Depth 0-5'			

	Qty: 3913.00 cft @ Rs.4800/=	P%0 Cft.	Rs.18782/=
3.	Earth work compaction (soft ordinary or hard soil) (b) Laying earth in 6" layers leveling and dressing watering for compaction etc completed (Csl No. 13 b P.no.3).		
	Qty: 53788.00 Cft @ Rs.354/=	P% 0 Cft.	Rs.19041/=
4.	Extra for every 50 ft additional lead (2600 rft) o rpart thereof (CSI No.13 b Page No.3).		
	Qty: 7360.10 Cft @ Rs.5039/=	P% 0 Cft.	<u>Rs.37088/=</u>
			Total Rs.203011/=

PART-III. RCC CIRCULAR SUMP WELL I/C INTER CONNECTION AND EARTH FILLING.

1.	Excavation of well in dry soil upto 20' below ground level and disposal of with on chain (in ordinary soil or sand) GSI No.1 Page No.86).		
	0'-5' Depth.		
	Qty: 502.40 Cft @ Rs.2247/60	P% 0 Cft.	Rs.1129/=
	5'-10' Depth.		
	Qty: 276.32 Cft @ Rs.2347/40	P% 0 Cft.	Rs.649/=
2.	Cmenet concrete brick or stone ballast 1 ½" to 2" guage Ratio 1:4:8 (Csl No.5 Page No.15).		
	Qty: 29.44 Cft @ Rs.9416/28	P% Cft.	Rs.2772/=
3.	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (GSI No.5 Page No.16).		
	Qty: 9.81 Cft @ Rs.11288/75	P% Cft.	Rs.1108/=
4.	Excavation for tanks and reservoirs in soft soil /cally or mud i/c(triming and dressing sides to true alignment / design sections profiles and shape levelling of beds of tanks to correct level and grade i/c laying of earth in 6 layers for construction of banks and dresing and disposal of surplus. Excavated earth within one chain as directed by Engineer Incharge i/c Providing fence gaurds flags where		

ever required lift upto 5 ft (1.52 m) and lead upto one chain (30.5) m extra for wet earth works (PHSI No. 1 Page No.67).

0'-5' Depth.

Qty: 3240.00 Cft @ Rs.3600/= P% 0 Cft. Rs.11664/=

5'-10' Depth.

Qty: 144.00 Cft @ Rs.4150/0 P% 0 Cft. Rs.598/=

6. RCC work in all labour and material except the cost of steel reinforcement and its labour for B/B which will be paid separately. The rate also i/c all kinds of forms moulds lifting, shutting, curing rendering and finishing the exposed surface i/c S/W of shingle) (a) RCC work in Roof slab beams columns rafts lintels and other structure member laid in situ or pre-cast laid in position Complete in all respects (CSI No.6 A Page No.17).(Ratio 1:2:4).

Qty: 274.35 cft @ Rs.337/= P.Cft. Rs.92458/=

7. Fabrication of Mild Steel reinforcement concrete for CC i/c Cutting, Bending Laying in position making joints and fastening i/c Cost of binding wire also including removal of rust from bars CSI No.7 P.No.18).

Qty: 12.25 cwt @ Rs.5001/70 P.Cwt. Rs.61261/=

8. Providing RCC ASTM pipes and cement joints of class B and fixing in trenches i/c cutting fitting and jointing with rubber rings i/c testing with water to head of 122 meter or 400 ft RA approval.

Qty: 216.00 Rft @ Rs.412/- P.Rft Rs.88992/=

9. Refilling excavated stuff in trenches 6" thick layers i/c watering ramming to full compaction (PHSI No.24 P-53)

Qty: 2916.00 cft @ Rs.2760/= P%0 cft Rs.8048/=

10. Bailing or pumping out sub soil water during excavation cost in situ concrete masonry work in foundation etc (PHSI NO.18 page No.75).

Qty: 6300.00 cft @ Rs.543/= P%0 cft Rs.34209/=

11. Barrow pit excavation undressed lead upto 100 ft (ordinary soil) (CSI No. 3 Page No.1).

Qty: 5400.00 cft @ Rs.2117/05 P%0 cft Rs.11435/=

12.	Extra for ever additional lead or part thereof (CSI No.3 P NO.1).			
	Qty: 5400.00 cft @ Rs.5039	P%0 cft		Rs.27211/=
13.	Earth work compaction (Soft ordinary and hard soil) (b) laying earth in 6" layers leveling and dressing watering for compaction etc completed (CSI No.13 P.N0.3).\			
	Qty: 5400.00 cft @ Rs.263/00	P%0 cft		Rs.1420/=
				Total Rs.342953/=

PART-IV. PUMP HOUSE.

1.	Excavation in foundation of building bridges and other structures I/c dag belling dressing refilling around the structures with excavated Earth watering ramming lead up to one chain and lift up to 5' (GSI No. 18 (b) P-04)			
	Qty: 212.00 cft @ Rs.3176/25	P%0 cft		Rs.673/=
2.	Cement concrete brick or stone ballast 1 1/2" to 2" gauge Ratio 1:4:8 (GSI No. 4 (b) P-15)			
	Qty: 115.55 cft @ Rs.9416/28	P% cft		Rs.10880/=
3	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1:3:6 (GSI No. 5 P-16)			
	Qty: 231.88 cft @ Rs.12595/=	P% cft		Rs.29205/=
4.	Erection and removal of centering for RCC or plain C.C Work of deodar Wood 1st class(vertical) (GSI No. 18 P-19)			
	Qty: 232.50 Sft @ Rs.7000/=	P% Sft		Rs.23275/=
5.	Pacca brick work (1:6) in ground floor cement, sand, mortar (GSI No. 1 P-20)			
	Qty: 339.28 Cft @ Rs.12674/38	P% Cft		Rs.43002/=
6.	R.C.C work in roof slab beams columns rafts lintels and other structural members laid in situ or precast laid in position complete in all respect. (I) Ratio 2:2:4 Lbs cement2 Cft, sand 4 cft shingle1/8" to 1/4" gauge (GSI No. 6 (b) P-17)			
	Qty: 8380.00 Cft @ Rs.337/=	P.Cft		Rs.28240/=

7. Fabrication of mild steel reinforcement for C.C i/c cutting, bending, laying in position making joints and fastening i/c cost of binding wire(also i/c removal of rust from bars) (GSI No. 8 (b) P-17).
Qty: 3.37 cwt @ Rs.5001/70 P.Cft Rs.16840/=
8. Cement, Plaster (1:6) 1/2" thick up to 20' height (GSI No.13 P-52).
Qty: 372.00 Sft @ Rs.2206/60 P%sft Rs.8209/=
9. Cement, Plaster (1:4) 3/4" thick up to 20' height (GSI No.13 P-52)
Qty: 372.00 Sft @ Rs.2197/52 P%sft Rs.8175/=
10. Providing and laying 2" thick to toping Cement Concrete (1:2:4) I/c surface, finishing and dividing in to panel (GSI No. 16 (c) P-42)
Qty: 120.00 Sft @ Rs.3275/50 P%sft Rs.3931/=
11. Making and fixing steel grated door with 1/16" thick sheeting angle iron frame 2"x2"x 3/8" and 3/4" sq: bars 4" Center to center with locking arrangement (GSI No. 24 P-92)
Qty: 26.00 Sft @ Rs.726/72 P.sft Rs.18895/=
12. Fabrication of heavy steel work with angle tee flats iron round iron and sheet iron for making tr uses griders tanks etc i/c cutting bending drilling reviting handing assesmlng and fixing etc complete (CSI No. 2 P-91)
Qty: 2.89.00 cwt @ Rs.4928/49 P.cwt Rs.14257/=
13. Cement, Pointing struck joint on walls (1:3) (GSI No.19 P-53)
Qty: 460.88 sft @ Rs.1213/50 P.% sft Rs.5593/=
14. Earth filling water and ramming earth under floor with surplus earth excavated from out side lead upto one chain and lift upto 5 ft: (CSI No.22 P-4)
Qty: 163.88 cft @ Rs.3630 P.%) cft Rs.595/=
15. Painting new surface preparing surface and painting doors and windows any type (GSI No.5 (c) P-70)
Qty: 124.00 sft @ Rs.1489/68 P.% sft Rs.1847/=

16. White washing of one coat (GSI No.26 P-54)
Qty: 832.88 sft @ Rs.416/63 P.% sft Rs.3470/=
17. White washing of Three coats (GSI No.26 P-54)
Qty: 120.00 sft @ Rs.859/90 P.% sft Rs.1032/=
18. Colour Washing Two Coats (GSI No. 26 (b) P-54).
Qty: 832.88 sft @ Rs.425/84 P.% sft Rs.3547/=
- Total Rs.221664/=**

ABSTRACT OF SCHEDULE B".

S. N O.	NAME OF WORK	SCHEDULE ITEMS	NON SCHEDULE ITEMS	TOTAL SCH:B
1	FC Rising Main 6" dia.	Rs.163111/=	RS. NIL	Rs.163111/=
2	Oxidation Pond Sump well.	Rs.203011/=	RS. NIL	Rs.203011/=
3	RCC Circular Sump Well.	Rs.342953/=	RS. NIL	Rs.342953/=
4	Pump House.	Rs.221664/=	RS. NIL	Rs.221664/=
	Total	Rs.930739/=	Rs NIL	Rs.930739/=

CERTIFICATE.

1. Any error or omission in the description of items or rates the original estimate schedule of rates will be referred to correct accordingly.
2. No premium will be allowed on non-schedule items.
3. The work will be carried out according to the drawing design and specifications shown in the estimate.
- 4.

(Contractor)

Felle

**EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
NAUSHAHRO FEROZE**

SPPRA BIDDING DOCUMENT

STANDARD BIDDING DOCUMENT

PROCUREMENT OF WORKS

(For Contracts Costing up to Rs 2.5 MILLION)

Standard Bidding Document is intended as a model for admeasurements (Percentage Rate/unit price for unit rates in a Bill of Quantities) types of contract. The main text refers to admeasurements contracts.



Instructions to Bidders/ Procuring Agencies.

General Rules and Directions for the Guidance of Contractors.

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and *Contract Data*.

The *Instructions to Bidders* will not be part of the Contract and will cease to have effect once the contract is signed.

1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time

allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

The envelope containing the tender documents shall refer the name and number of the work.

6. All works shall be measured by standard instruments according to the rules.
7. Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.
8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.
9. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.
10. Bid without bid security of required amount and prescribed form shall be rejected.
11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis:
 - (A) In case of schedule rates, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
 - (B) In case of item rates, If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
 - (C) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

BIDDING DATA

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- (a). Name of Procuring Agency _____
- (b). Brief Description of Works _____
- (c). Procuring Agency's address:- _____
- (d). Estimated Cost:- _____
- (e). Amount of Bid Security:- _____ (Fill in lump sum amount
or in % age of bid amount /estimated cost, but not exceeding 5%)
- (f). Period of Bid Validity (days):- _____ (Not more than sixty days).
- (g). Security Deposit:- (including bid security):- _____
(in % age of bid amount /estimated cost equal to 10%)
- (h). Percentage, if any, to be deducted from bills :- _____
- (i). Deadline for Submission of Bids along with time :- _____
- (j). Venue, Time, and Date of Bid Opening:- _____
- (k). Time for Completion from written order of commence: - _____
- (L). Liquidity damages:- _____ (0.05 of Estimated Cost or Bid cost
per day of delay, but total not exceeding 10%).
- (m). Deposit Receipt No: Date: Amount:(in words and figures)

(Executive Engineer/Authority issuing bidding document)



Conditions of Contract

Clause – 1: Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion of 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 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.

Clause – 2: Liquidated Damages. 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 exists:-

- (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.

Clause -5: Extension of Intended Completion Date. 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.

Clause – 7: Payments.

- (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 far 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.

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 writing subject to the limit not exceeding the contract cost by of 15% 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 contract 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. 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.
- (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. 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. 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/Procuring Agency

BILL OF QUANTITIES

(A) Description and rate of Items based on Composite Schedule of Rates.

Item No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6

Amount TOTAL (a)

_____ % above/below on the rates of CSR.

Amount to be added/deducted on the basis
Of premium quoted. TOTAL (b)

Total (A) = a+b in words & figures:

Contractor

Executive Engineer/Procuring Agency



(B) Description and rate of Items based on Market (Offered rates)

Item No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees

Total (B) in words & figures:

Contractor

Executive Engineer/Procuring Agency

Summary of Bill of Quantities.

Cost of Bid

Amount

1. (A) Cost based on Composite Schedule of Rates.

2. (B) Cost based on Non/Offered Schedule of Rates.

TOTAL COST OF BID (C) = Total (A) + Total (B)

Contractor

Executive Engineer/Procuring Agency

