

#### DISTRICT MUNICIPAL CORPORATION, KARACHI WEST SECTOR 11-E SHAHRAH-E-ORANGI, ORANGI TOWN, KARACHI PTCL # 36697869 / 36660102 & FAX # 36762519 ORANGI ZONE, KACRACHI

TEN DER REFERENCE # NIT/03-2015

Dated: 03-03-2015

SUBJECT:

P/L RCC PIPE TAUHEEDI MOHALLAH IN UC-02.

## BILL OF QUANTITIES

ESTIMATED COST BID SECURITY TENDER COST

RS. 9,99,479.00 RS. 19,990.00 RS.1000.00

Issued to M/S
Video pay order / Challan # dated: Rs.

Accountant Signature and

Signature and stamp

EXECUTIVE ENGINEER, B&R, ORANGI ZONE, DMC(WEST)

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## DISTRICT MUNICIPAL CORPORATION, KARACHI WEST SECTOR 11-E SHAHRAH-E-ORANGI, ORANGI TOWN, KARACHI

SUBJECT: P/L RCC PIPE TAUHEEDI MOHALLAH IN UC-02.

PART-A I TEM BASED ON SCHEDULE RATES

- [ ]	THE STATE OF SCHEDULE KATES		. •		
S #	DESCRIPTION	QUANTITY	UNIT	DATEC	
01	Excavation for pipe line in trenches and pits	9075	cft	RATES	AMOUNT
	In hard rock by hammering and chiesilian i/c		CIL	10770.00	97738.00
	alignment i/c trimming and dressing sides to			0%cft	
	true alignment and shape leveling of heds				
1 .	trer ches to correct level and grade cutting				
	Join's holes and disposal of surplus earth				
	within one chain as directed by engineer in				
	charge			1	
02	P/L RCC rubbering ring pipe of class A and	1100 Rft	Rft	267.62	
Ĭ .	Tixing in trenches i/c cutting, fitting and	1100 Kit	KΠ	367.00	403700.00
ļ	Jointing with rubber ring etc 12" dia nine				1
03	Construction of manhole 4' dia inside i/c pcc	46 Nos			
	ring slab 39" dia with manhole cover 21" dia	40 1105	Each	13064.00	600944.00
	of 5' clear depth in 1:2:4 in 9" thick wall and			:	
}	bedding cast in situ with fair face steel				
	shut ering i/c excavation back filling and				
	dispose of surplus stuff up to one chain its				
·	complete		, <u> </u>		
04	Add or extra depth beyond 5 ft depth less	(-)81	Rft	1540.00	
	the 5 ft deduct the same rate	101	. NIL	1540.00	(-) 124740.00
05	Refilling of excavation stuff in trenches 6"	7912 cft	Cft	2760.00	
<b></b>	this compacting at all lead and lift	7312 (11	CIL	2760.00	21837.00
			- CLID	0%cft	
· · ·			208	TOTAL PART-A	9,99,479.00

SIGNATURE OF CONTRACTOR			
ADDRESS :		 	
ADDIVESS:	 		

JUDIEC	P/L RCC PIPE TAUHEEDI MOHALLAH IN	UC-02.
	IEDERY QUOTER A VIII-	
1./ VVE F	EREBY QUOTED RATES AS FOLLOWS:-	
01	PART-A (ITEM RATES BASES ON SR)  @ % ABOVE / BELOW SR I/C THE COST OF  CARRIAGE OF MATERIALS AND DIFFERENCE OF COST OF BITUMEN	RS
·		-
	GRAND TOTAL PART-A & B	RS.
TOTAL R	5 RUPEE\$	
A PAY OI BRACH_	RDER BEARING #OFOF	
·	HAS BEEN AT	TACHED WITH THE TENDER
NOTE:-	IT AND OFFER RATES MENTIONED ABOVE.	

Any correction / cutting must be initialed and stamped by the bidder.

Signature of contractor			
Address:			
Cell #	/ PTCL#		



TENDER REFERENCE # NIT/03/2015

Dated: 03-03-+2015

ORANGI ZONE, DMC (WEST)

SUBJECT:

P/L RCC PIPE 12" DIA NOORANI MOHALLAH STREET # 6,7,8 IN UC-2 DMC

## BILL OF QUANTITIES

ESTIMATED COST **BID SECURITY** TENDER COST

RS. 8,85,066.00 + OR

RS. 17,701.00

RS. 1000.00

Issued to M/S		· .
Video pay order / Challan #	dated: Rs.	

Signature and stamp

r RAR Orangi zone,

accioning

P/L RCC PIPE 12" DIA NOORANI MOHALLAH STREET # 6,7,8 IN UC-2 DMC (WEST

#### PART-B ITEM BASED ON OFFER RATES

S#	DESCRIPTION	QUANTITY	RATES	AMOUNT
01	P/F RCC ring slab 39" dia with RCC manhole cover of 21" dia as per direction of engineer in charge	10 Nos	OR Rs.	
		SUB TO	I. DTAL PART-B	<u> </u>





TENDER REFERENCE # NIT/03/2015

Dated: 03-03-+2015

ORANGI ZONE, DMC (WEST)

SUBJECT

P/L RCC PIPE 12" DIA NEAR ANJUMAN-E-NOORUL ISLAM OFFICE INUC-2 DMC (WEST(

### BILL OF QUANTITIES

ESTIMATED COST BID SECURITY TENDER COST

RS.9,32,745.00 + OR RS. 18,655.00 RS. 1000.00

Issued to M/S		<i>y</i>	
Video pay order / Challan #	dated:	Rs	

Signature and stamp

Executive Engineer B&R Orangi zone,

ACCOUNT ON THE PROPERTY OF THE

P/L RCC PIPE 12" DIA NEAR ANJUMAN-E-NOORUL ISLAM OFFICE INUC-2 DMC (WEST(

#### PART-B ITEM BASED ON OFFER RATES

S#	DESCRIPTION	QUANTITY	RATES	AMOUNT
01	P/F RCC ring slab 39" dia with RCC manhole cover of 21" dia as per direction of engineer in charge	22 Nos	OR Rs.	r
· · ·		SUB TO	I TAL PART-B	<del> </del>

#### SIGNATURE OF CONTRACTOR

#### 1/ WE HEREEY QUOTED RATES AS FOLLOWS:-

01	PART-A (ITEM RATES BASES ON SR)	
	@% ABOVE / BELOW SR I/C THE COST OF	RS
	CARRIAGE OF MATERIALS AND DIFFERENCE OF COST OF BITUMEN	
02	PART-B (ITEM RATE BASES ON OFFER RATES / ITEM RATES THE	
	ITEMS OTHER THEN SCHEDULE RATES	RS
<u> </u>		
	GRAND TOTAL PART-A & B	RS
OTAL RS	RUPEES	<u> </u>
· · · · · · · · · · · · · · · · · · ·		•
<del> </del>		
VOTE:-		
VOIE.		
T	he rates must be quoted in words and figures both clearly readable.	

- Any correction / cutting must be initialed and stamped by the bidder.

Signature of contractor	<u> </u>	
Address :		
Cell#	/ PTCL #	

TENDER REFERENCE # NIT/03/2015

Dated: 03-03-+2015

ORANGI ZONE, DMC (WEST)

SUBJECT:

P/L RCC PIPE 12" DIA NEAR JAMIA MASJID TOOR QAIM KHANI IN UC2

## BILL OF QUANTITIES

ESTIMATED COST BID SECURITY TENDER COST

RS. 9,57,014.00 + OR

RS. 19140.00

RS. 1000.00

Issuec to M/S	
Video pay order / Challan #	dated:Rs

Signature and stamp

Engineer B&R Orangi zone,

ACCOUNTANT (385)

P/L RCC PIPE 12" DIA NEAR JAMIA MASJID TOOR QAIM KHANI IN UC2

## PART-B ITEM BASED ON OFFER RATES

S#	DESCRIPTION	QUANTITY	RATES	AMOUNT
01	P/F RCC ring slab 39" dia with RCC manhole cover of 21" dia as per direction of engineer in charge	15 Nos	OR Rs.	
		SUB TO	TAL PART-B	

TENDER REFERENCE # NIT/03/2015

Dated: 03-03-+2015

ORANGI ZONE, DMC (WEST)

SUBJECT:

CONSTRUCTION OF CC STREET NEAR AFZAL BHAI JAN HOUSE IN UC-02

## BILL OF QUANTITIES

ESTIMATED COST
BID SECURITY
TENDER COST

RS. 9,09,105.00 + OR

RS. 18182.00

RS. 1000.00

Issued to M/S		•	
		. ·	
Video pay order / Challan #	dated:	Rs	

Signature and stamp

Executive Engineer B&R Orangi zone,

A. O

SUBJECT.

CONSTRUCTION OF CC STREET NEAR AFZAL BHAI JAN HOUSE IN UC-02

## PART-B ITEM BASED ON OFFER RATES

S#	DESCRIPTION	QUANTITY	RATES	AMOUNT
01	Extra for using SR cement in place of OPC	288 cwt	OR Rs.	
02	P/F RCC ring slab 39" dia with RCC manhole cover of 21" dia as per direction of engineer in charge	25 Nos	OR Rs.	<del></del>
		SUBTO	DTAL PART-B	

TENDER REFERENCE # NIT/03/2015

Dated: 03-03-+2015

ORANGI ZONE, DMC (WEST)

SUBJECT:

P/L RCC PIPE DRIAN AND CC STREET NEAR FAQIRI MASJID DARWAN

MOHALLAH IN UC-13.

## BILL OF QUANTITIES

ESTIMATED COST BID SECURITY TENDER COST

RS. 8,03,669.00 + OR RS. 16073.00 RS.1000.00

Issued to M/S	• • •			
Video pay order / Challan #	 			
1 by 11 and 7 Chanan #	dated:	Rs	·	

Signature and stamp

Executive Engineer B&R Orangi zone,

Orangi co is D.M.C.

SUBJECT:

P/L RCC PIPE DRIAN AND CC STREET NEAR FAQIRI MASJID DARWAN MOHALLAH IN UC-13.

#### PART-A ITEM BASED ON SCHEDULE RATES

S#	DESCRIPTION	QUANTITY	UNIT	RATES	AMOUNT
01	Excavation for pipe line in trenches and pits	2220	cft	4650.00	10323.00
	in all kind of soils of murum i/c trimming and			0%cft	10323.00
,	dressing sides to true alignment and shape				
•	leveling of beds trenches to correct level and	  -			
	grade cutting joints holes and disposal of				
	surplus earth within one chain as directed by				
-	engir eer in charge				
02	P/L RCC rubbing ring pipe of class A and	_400 Rft	Rft	367.00	146800.00
	fixing in trenches i/c cutting fitting and		.**		2110000.00
· ·	jointing with rubber ring etc 12" dia pipe				
03	Construction of manhole 4' dia inside i/c RCC	20 Nos	Each	13064.00	261280.00
	ring slab 39" dia with manhole cover 21" dia		··.		
١	of 5' :lear depth in 1:2:4 in 9" thick wall and				
. ]	beding cast in situ with fair face steel	i i			
	shuttering i/c excavation back filling and				
.	disposal of surplus stuff up to one chain etc				
	complete				
0.4	Add for exra depth beyond 5 ft depth less	(-)30	Rft	1540.00	(-) 46200.00
	the 5 ft deduct the same rate				
05	Refilling of excavation stuff in trenches 6".	1730 cft	Cft	2760.00	4775.00
٠.	this compacting at all lead and lift			0%cft	
06	Cartage of sand bajri lime surkimurum	490 cft	1065.00	% cft	5219.00
	building rubbish i/c loading and unloading				
	and stacking at site				
07	Preparing of sub grade i/c earth work	11084 sft	526.28	% sft	<b>58333.00</b>
	excvavation leveling to an average depth of	-			
	9" dressing to camber and consolidation		·		
	with power roller				
08	P/L 2" thick topping CC 1:2;4 i/c surface	11084 sft	3275.50	% sft	363056.00
	finishing and dividing into panels				
			SUB	TOTAL PART-A	8,03,669.00 +OR

ADDRESS:	

P/L RCC PIPE DRIAN AND CC STREET NEAR FAQIRI MASJID DARWAN MOHALLAH IN UC-13.

## PART-B ITEM BASED ON OFFER RATES

S#	DESCRIPTION	QUANTITY	RATES	AMOUNT
01	P/L Aggregate base course material over the prepared sub grade in conformity with lines grade thickness and typical cross section shown in drawing for new pavement using well graded granular crushed stoen with asan dand silt having a smooth gradation curve with tin the limit for grading A or B as per AASHTO M 142-62 and compacting to 100% of the minimum dry density according to AASHTO-T 180 method D using approved m\chanical means of i/c watering with all lead and lift as per specification and as per directed by engineer in charge	2771 cft	OR Rs.	
02	Extra for using SR cement in place of OPC	320 cwt	OR Rs.	<u> </u>
		SUB TO	TAL PART-B	

TENDER REFERENCE # NIT/03/2015

Dated: 03-03-+2015

ORANGI ZONE, DMC (WEST)

P/L RCC PIPE DRAIN IN DIFFERENT LOCATION IN SECTOR 7-B AND 8/B

NEAR BANARSI MÖHALLAH IN ORANGI ZONE.

## BILL OF QUANTITIES

**ESTIMATED COST BID SECURITY TENDER COST** 

RS. 8,40,600.00 + OR RS. 16812.00 RS.1000.00

Issued to M/S					
video pay order / Cl	ballan #	dated	:	Rs	

Signature and stamp

Executive Englineer B&R Orangi zone,

P/L RCC PIPE DRAIN IN DIFFERENT LOCATION IN SECTOR 7-B AND 8/B NEAR BANARSI MOHALLAH IN ORANGI ZONE.

#### PART-A ITEM BASED ON SCHEDULE RATES

S#	DECEMPTION	1	<del>,</del>	<del>,</del>	
	DESCRIPTION	QUANTITY	UNIT	RATES	AMOUNT
01	Dismantling of cement concrete plain	1:175 cft	cft	3327.50	39098.00
	flooring 1:2:4			and the same	-
02	Excavation for pipe line in trenches and pits	5100	cft	4650.00	23715.00
1	in all kind of soils of murum i/c trimming and			0%cft	
·   .	dressing sides to true alignment and shape				-
	leve ing of beds trenches to correct level and				
	grade cutting joints holes and disposal of			-	
	surplus earth within one chain as directed by				
	engineer in charge				7
03	P/L RCC rubbing ring pipe of class A and	850 Rft	Rft	367.00	311950.00
	fixing in trenches i/c cutting fitting and				BATT 50.00
	jointing with rubber ring etc 12" dia pipe				
04	Construction of manhole 4' dia inside i/c RCC	35 Nos	Each	13064.00	457240.00
	ring slab 39" dia with manhole cover 21" dia			2000-1.00	437240.00
	of 5' clear depth in 1:2:4 in 9" thick wall and	·			
	beding cast in situ with fair face steel				
	shut ering i/c excavation back filling and				
	disposal of surplus stuff up to one chain etc				
]. [	complete				
05	Add for exra depth beyond 5 ft depth less	(-)45.948	Rft	1540.00	(-) 70760.00
	the 5 ft deduct the same rate	المسلسم	10.0	1540.00	(-) 70700.00
06	Refil ing of excavation stuff in trenches 6"	4202 cft	Cft	2760.00	11500.00
1	this compacting at all lead and lift	4202 CIL	CIL	0%cft	11598.00
07	Cartage of sand bajri lime surkimurum	2073 cft	cft	1065.00 % cft	33077.00
	building rubbish i/c loading and unloading	20/3 (11	LIL	1003.00 % CIT	22077.00
	and stacking at site				
08	P/L 1:2:4 RCC manhole covers i/c tor bars	FONDS			
00		50 Nos	913.63	Each	45682.00
	frame using GSB ¾" and d/g etc complete		<u> </u>		
<u>.</u>			SUB	TOTAL PART-A	8,40,600.00 +OR

ADDRESS:

P/L RCC PIPE DRAIN IN DIFFERENT LOCATION IN SECTOR 7-B AND 8/B NEAR BANARSI MOHALLAH IN ORANGI ZONE.

#### PART-B ITEM BASED ON OFFER RATES

S #	DESCRIPTION	QUANTITY	RATES	AMOUNT
01	P/F RCC ring slab 39" dia with RCC manhole cover of 21" dia as per direction of engineer in charge	50 Nos	OR Rs.	
		SUB T	OTAL PART-B	

TENDER REFERENCE # NIT/03/2015

Dated: 03-03-+2015.

ORANGI ZONE, DMC (WEST)

SUBJECT

P/L RCC PIPE CC STREET NEAR MUBARAK CHAIRMAN HOUSE IN BAKRA

MOHALLAH ORANGI ZONE. UC-13

## BILL OF QUANTITIES

ESTIMATED COST **BID SECURITY TENDER COST** 

RS. 7,36,785.00 + OR RS. 14736.00 RS.1000.00

Issued to M/S				-	
	· ·	 			
Video pay order / Challe	an # _	_ dated: _	 _Rs		<del></del> ·

Signature and stamp

Executive Engineer B&R Orangi zone,

SUBJECT:

P/L RCC PIPE CC STREET NEAR MUBARAK CHAIRMAN HOUSE IN BAKRA MOHALLAH ORANGI ZONE.

PART-A ITEM BASED ON SCHEDULE RATES

7 747	TATTEM BASED ON SCHEDULE RATES				
S#	DESCRIPTION	QUANTITY	UNIT	RATES	AMOUNT
01	Excavation for pipe line in trenches and pits	2220	cft	4650.00	10323.00
	in all kind of soils of murum i/c trimming and			0%cft	10323.00
1	dressing sides to true alignment and shape				
	leveling of beds trenches to correct level and				
	grade cutting joints holes and disposal of				
Ĭ	surplus earth within one chain as directed by				
	engineer in charge				
02	P/L RCC rubbing ring pipe of class A and	400 Rft	Rft	367.00	146800.00
'	fixing in trenches i/c cutting fitting and			307.00	140000.00
	jointing with rubber ring etc 12" dia pipe				
03	Construction of manhole 4' dia inside i/c RCC	20 Nos	Each	13064.00	261280.00
	ring slab 39" dia with manhole cover 21" dia			25004.00	201280.00
	of 5' clear depth in 1:2:4 in 9" thick wall and				
	beding cast in situ with fair face steel				
	shuttering i/c excavation back filling and				•
* .	disposal of surplus stuff up to one chain etc				
	complete		,	$(\mathcal{F}_{i},\mathcal{F}_{i}) = (\mathcal{F}_{i},\mathcal{F}_{i})$	
04	Add for exra depth beyond 5 ft depth less	(-)30	Rft	1540.00	(-)46200.00
	the 5 ft deduct the same rate	,,	,,,,	1340.00	(-)46200.00
05.	Refilling of excavation stuff in trenches 6"	1730 cft	Cft	2760.00	4775.00
	this compacting at all lead and lift			0%cft	4775.00
06	Preparing of sub grade i/c earth work	9464 sft	sft	526.28	49807.00
.	excvaration leveling to an average depth of			320.20	43007.00
	9" dressing to camber and consolidation				
1	with power roller				
07	P/L 2" thick topping CC 1:2;4 i/c surface	9464 sft	3275.50	% sft	300003.000
	finishing and dividing into panels			70.211	309993.000
				TOTAL PART-A	7 36 795 00 100
SIGNA	TURE OF CONTRACTOR	<u> </u>		· · · · · · · · · · · · · · · · · · ·	7,36,785.00 +OR
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P/L RCC PIPE CC STREET NEAR MUBARAK CHAIRMAN HOUSE IN BAKRA MOHALLAH ORANGI ZONE.

#### PART-B ITEM BASED ON OFFER RATES

S#	DESCRIPTION	<u> </u>		
	DESCRIPTION	QUANTITY	RATES	AMOUNT
01	P/L Aggregate base course material over the	2366 cft	0.5	· · · · · · · · · · · · · · · · · · ·
	prepared sub grade in conformity with lines grade	2300 CIT	OR	
İ .	thickness and typical cross section shown in drawing		Rs.	
	for new pavement using well graded granular crushed			
	stoen with asandand silt having a smooth gradation	n k to to		
	Curve with tin the limit for grading A or B as per			· · · · · ·
,	AASHTO M 142-62 and compacting to 100% of the			
• •	minimum dry density accorign to AASHTO-T 180			
• • •	method D using approved m\chanical means of ite			
	watering with all lead and lift as per specification and			
.	as per directed by engineer in charge			
02	Fuer 6			$(\frac{1}{2}N_{i})^{2} = \frac{N_{i}}{2} \left(\frac{N_{i}}{N_{i}}\right)^{2} \left(\frac{N_{i}}{N_{i}}\right)^{2}$
02	Extra for using SR cement in place of OPC	273 cwt	OR	
			Rs.	
<del></del>				_
· · · · ·		SUB TO	TAL PART-B	

P/L RCC PIPE CC STREET NEAR MUBARAK CHAIRMAN HOUSE IN BAKRA MOHALLAH ORANGI ZONE.

#### I / WE HEREBY QUOTED RATES AS FOLLOWS:-

01	PART-A (ITEM RATES BASES ON SR)	
	@ % ABOVE / BELOW SR I/C THE COST OF	RS.
	CARRIAGE OF MATERIALS AND DIFFERENCE OF COST OF BITUMEN	
02	PART-B (ITEM RATE BASES ON OFFER RATES / ITEM RATES THE	
· .	ITEMS OTHER THEN SCHEDULE RATES	RS
	CDAND TOTAL DADT A D.D.	
	GRAND TOTAL PART-A & B	RS
TOTAL R	SRUPEES	
·		
NOTE:-		
	he rates must be quoted in words and figures both clearly readable.	
• •	Any correction / cutting must be initialed and stamped by the bidder.	
Signature	e of contractor	
Addrose :		
Auuress .		
Cell#	/ PTCL #	
. —	/ / (CL)	

DISTRICT MUNICIPAL CORPORATION, KARACHI WEST

TENDER REFERENCE # NIT/03/2015

Dated: 03-03-+2015

ORANGI ZONE, DMC (WEST)

SUBJECT:

P/L RCC PIEP AND CC STREET NEAR EX COUNCILOR HANIFA BIBI HOUSE IN BARRA MOHALLAH IN ORANGI ZONE.  $u \leftarrow -13$ 

#### **BILL OF QUANTITIES**

ESTIMATED COST BID SECURITY TENDER COST

RS. 8,47,687.00 + OR RS. 16954.00 RS. 1000.00

Issued to M/S			
Video pay order / Challan #	dated:	Rs	

Signature and stamp

Executive Engineer B&R Orangi zone,

T.N. A. J. J. J. J. W.

P/L RCC PIEP AND CC STREET NEAR EX COUNCILOR HANIFA BIBI HOUSE IN BARRA MOHALLAH IN ORANGI ZONE.

## PART-B ITEM BASED ON OFFER RATES

	DESCRIPTION	QUANTITY	RATES	AMOUNT
01	P/L Aggregate base course material over the	2004 6		
	prepared sub grade in conformity with lines and	3094 cft	OR	
	Wile Niess did typical cross section shows in die		Rs.	
	The state of the s			la di sa
	1 Stock With asangang silt having a concept and a			
	I wante with the limit for grading A on D		1	
	I AND IT 144-by and compacting to 1000/ see			
. :	[ """ ποι αιγ density accorden to Δαςμπο π 100		c	
v.	mor iou o using approved my chanical many and			
	watering with all lead and lift as ner specification and			
İ	as per directed by engineer in charge			
. 1				
_				
2	Extra for using SR cement in place of OPC			<u></u>
		358 cwt	OR	
			Rs_	
3	P/F RCC ring slab 39" dia with RCC manhole cover of			
	21" dia as per direction of engineer in charge	10 Nos	OR	<del></del>
	- Angliect in charge		Rs.	
		SUB TO	TAL PART-B	

SUBJECT P/L RCC PIEP AND CC STREET NEAR EX COUNCILOR HANIFA BIBI HOUSE IN BARRA MOHALLAH IN ORANGI ZONE.

## I / WE HEREBY QUOTED RATES AS FOLLOWS:-

01 PART-A (ITEM RATES BASES ON SR)	<u> </u>
© % ABOVE / BELOW SR I/C THE COST OF	
CARRIAGE OF MATERIALS AND DISCUSSION	RS
CARRIAGE OF MATERIALS AND DIFFERENCE OF COST OF BITUMEN	
I AND AND AND AND AND AND AND AND AND AND	
ITEMS OTHER THEN SCHEDULE RATES	RS
GRAND TOTAL PART-A & B	RS.
	113.
TOTAL RS RUPEES	
NOTE:	
The rates must be quoted in words and figures both clearly readable.	
Any correction / cutting must be initial at a second releasing readable.	
<ul> <li>Any correction / cutting must be initialed and stamped by the bidder.</li> </ul>	
Signature of contractor	
O	
Audress :	
Cell #/ PTCL #.	
V PTCL #	

TENDER REFERENCE # NIT/03/2015

Dated: 03-03-+2015

ORANGI ZONE, DMC (WEST)

SUBJECT:

P/L RCC PIPE FROM AZMAT HOSPITAL TO EXISTING DRAIN IN MPR

COLONY UC-13

## BILL OF QUANTITIES

**ESTIMATED COST BID SECURITY TENDER COST** 

RS.9,82,480.00 RS. 19650.00

RS. 1000.00

Issued to M/S

Video pay order / Challan #\_\_ dated: \_

Signature and stamp

gineer B&R Orangi zone,

SUBJECT P/L RCC PIPE FROM AZMAT HOSPITAL TO EXISTING DRAIN IN MPR COLONY

1:/	WE HEREBY	QUO:	TED A	ATES	AS	<b>FOLIO</b>	<b>い/く</b> む
							* *
	5. 1						- *.

01 PART-A (ITEM RATES BASES ON SR)  (6) % ABOVE / BELOW SR I/C THE COST OF CARRIAGE OF MATERIALS AND DIFFERENCE OF COST OF BITUMEN	RS.
GRAND TOTAL PART-A & B	· RS.
TOTAL DC	
RUPEES	
NOTE:	
<ul> <li>The rates must be quoted in words and figures both clearly readable.</li> </ul>	
Any correction / cutting must be initialed and stamped by the bidder.	
Signature of contractor	
Address:	
Cell #/ PTCL #	

ole

#### DISTRICT MUNICIPAL CORPORATION, KARACHI WEST SECTOR 11-E SHAHRAH-E-ORANGI, ORANGI TOWN, KARACHI PTCL # 36697869 / 36660102 & FAX # 36762519

TENDER REFERENCE # NIT/03/2015

Dated: 03-03-+2015

ORANGI ZONE, DMC (WEST)

SUBJECT:

P/L RCC PIPE AND OTHER WORKS IN DIFFERENT STREETS IN SHAH

FAISAL MOHALLAH IN UC-13.

#### BILL OF QUANTITIES

ESTIMATED COST BID SECURITY TENDER COST

RS.9,96,876.00 W RS. 19,938.00 RS.1000.00

Issued to M/S	, · · · · · .			
Video pay order / Challan	n#	dated:	Rs	· -

Signature and stamp

Executive Engineer B&R Orangi zone,

A COUMING TOWN

SUBJECT: P/L RCC PIPE AND OTHER WORKS IN DIFFERENT STREETS IN SHAH FAISAL MOHALLAH IN UC-13.

PART-A-ITEM BASED ON SCHEDULE RATES

S #	DESCRIPTION	QUANTITY	UNIT	RATES	AMOUNT
01	Excavation for pipe line in trenches and pits in all kind of soils of murum i/c trimming and	6050	cft	4650.00 0%cft	28133.00
	dressing sides to true alignment and shape			U%CIL	
	leveling of beds trenches to correct level and grade cutting joints holes and disposal of				
•	surplus earth within one chain as directed by engineer in charge				
02	P/L RCC rubbing ring pipe of class A and fixing in trenches i/c cutting fitting and	1100Rft	Rft	367.00	<b>4</b> 03700.00
	jointing with rubber ring etc 12" dia pipe				
03	Construction of manhole 4' dia inside i/c RCC	50Nos	Each	13064.00	653200.00
- <u>*</u>	ring slab 39" dia with manhole cover 21" dia of 5' c ear depth in 1:2:4 in 9" thick wall and				
	beding cast in situ with fair face steel				
	shuttering i/c excavation back filling and				
<b>:</b> .	disposal of surplus stuff up to one chain etc complete				
04	Add fcr exra depth beyond 5 ft depth less	<del>-(-)7</del> 5.00	Rft	1540.00	115500.00
	the 5 ft deduct the same rate				
05 ·	Refilling of excavation stuff in trenches 6" this compacting at all lead and lift	4702cft	Cft	2760.00 0%cft	<b>-1</b> 2978.00
06	Cartage of sand bajri lime surkimurum	491 cft	cft	1065.00 % cft	5229.00
	building rubbish i/c loading and unloading and stacking at site				
07.	P/L 1:2:4 RCC manhole covers i/c tor bar	10Nos	Each	913.63 each	9136.00
	frame using GSB ¾" and d/g etc complete 21" dia				
			ŞUB	TOTAL PART-A	9,96,876.00

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/ PTCL#

P/L RCC PIPE AND OTHER WORKS IN DIFFERENT STREETS IN SHAH FAISAL MOHALLAH IN UC-13.

SUBJECT:

TENDER REFERENCE # NIT/03/2015

Dated: 03-03-+2015

ORANGI ZONE, DMC (WEST)

SUBJECT:

Construction of manhole and pipe drain in sector 9/E and 8/L and other places near

Qatar hospital in Orangi zone

## BILL OF QUANTITIES

ESTIMATED COST BID SECURITY TENDER COST

RS.7,78,940.00 + OR ✓ RS. 15579.00

RS. 1000.00

Video pay order / Challan # \_\_\_\_\_ dated: \_\_\_\_ Rs. \_\_\_\_

Signature and stamp

Executive Engineer B&R Orangi zone,

1.W. 1.303.

				v	3 ( ).
>					
10	P/L 1:2:4 RCC manhole covers i/c tor bar frame using GSB ¾" and d/g etc complete 21" dia	19 Nos	Each	913.63 each	17359.00
		· · · · · · · · · · · · · · · · · · ·	SUE	3 TOTAL PART-A	7,78,940.00 + OR
SIGN	ATURE OF CONTRACTOR				<u> </u>
ADD	RESS:				

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Construction of manhole and pipe drain in sector 9/E and 8/L and other places near Qutar hospital in Orangi zone

#### I / WE HEREBY QUOTED RATES AS FOLLOWS:-

01	PART-A ITEM RATES BASES ON SR)	
	@% ABOVE / BELOW SR I/C THE COST OF	
	CARRIAGE OF MATERIALS AND DIFFERENCE OF COST OF BITUMEN	RS.
02	PART-B Offer rates	
		Rs
	GRAND TOTAL PART-A & B	RS
TOTAL	RSRUPEES	
	······································	

#### NOTE:-

- The rates must be quoted in words and figures both clearly readable.
- Any correction / cutting must be initialed and stamped by the bidder.

Signature of contractor	·
Address :	
Ce." #	/ PTCL #

TENDER REFERENCE # NIT/03/2015 ORANGI ZONE, DMC (WEST)

Dated: 03-03-+2015

SUBJECT:

P/L RCC PIPE IN SECTOR 13-G BLOCK A NEAR ORCHAD SCHOOL IN SECTOR 13-F HOUSE # 6 AND OTHER PLAES IN UC-1 .

## BILL OF QUANTITIES

ESTIMATED COST BID SECURITY TENDER COST

RS. 7,76,430.00 + oR RS. 15529.00 RS.1000.00

Issued to M/S		
Video pay order / Challan #_	dated:	Rs

Signature and stamp

Exemine Engineer B&R Orangi zone,

W. C. CURING

P/L RCC PIPE IN SECTOR 13-G BLOCK A NEAR ORCHAD SCHOOL IN SECTOR 13-F HOUSE # 6 AND OTHER PLAES IN UC-1

## PART-B ITEM BASED ON OFFER RATES

. [	S #	DESCRIPTION			
-	.'	DESCRIPTION	QUANTITY	RATES	AMOUNT
1	01	P/F FCC ring slah 30" dia with DCC	<u></u>		
		P/F FCC ring slab 39" dia with RCC manhole cover of 21" cia as per direction of engineer in charge	20 Nos	OR	
-				Rs.	
Ŀ	·-		SLIB TO	TAL PART-B	
٠.				INT LAKE-R	

TENDER REFERENCE # NIT/03/2015

Dated: 03-03-+2015

ORANGI ZONE, DMC (WEST)

SUBJECT:

P/F PRECAST SLAB AND RCC PIPE DRAIN BACK SIDE OF SHUGHAFTA GOVERNMENT SCHOOL IN MUSTUFA COLONY ORANGI ZONE

BILL OF QUANTITIES

ESTIMATED COST BID SECURITY TENDER COST

RS.7,21,796.00 + OR RS. 14436.00 ~ RS. 1000.00

Issued to M/S			•
Video pay order / Challan #	dated:	Rs	· · · · · · · · · · · · · · · · · · ·

Signature and stamp

Executive Engineer B&R Orangi zone,

P/F PRECAST SLAB AND RCC PIPE DRAIN BACK SIDE OF SHUGHAFTA GOVERNMENT SCHOOL IN MUSTUFA COLONY ORANGI ZONE

## PART-B ITEM BASED ON OFFER RATES

S #	DESCRIPTION	QUANTITY	RATES	AMOUNT
01	P/F RCC ring slab 39" dia with RCC manhole cover of 21" dia as per direction of engineer in charge	20 Nos	OR Rs.	
02	S/F imported earth from borrow pit i/c loading and unloading and stacking at site etc complete	924 cft	.OR Rs.	·
03	Providing and fixing precast slab RCC slab 1 ½ " thick i/c I beam fixing and leveling etc complete	480 sft	OR Vacantaria	
		SUB TO	TAL PART-B	

P/L PRECAST SALB AND RCC PIPE DRAIN BACK SIDE OF SHUGHATFTA GOVERNMENT SCHOOL IN MUSTUFA COLONY ORANGI ZONE.

# WE HEREBY QUOTED RATES AS FOLLOWS:-

01	PART-A (ITEM RATES BASES ON SR)	
	©% ABOVE / BELOW SR I/C THE COST OF	RS .
<u> </u>	CARRIAGE OF MATERIALS AND DIFFERENCE OF COST OF BITUMEN	RS
02	PART-B (ITEM RATE BASES ON OFFER RATES / ITEM RATES THE	
	ITEMS OTHER THEN SCHEDULE RATES	DC _
	•	RS
	GRAND TOTAL PART-A & R	RS
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AS PER IN	T AND OFFER RATES MENTIONED ABOVE.	
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<b>▼</b> 11	ne rates must be quoted in words and figures both clearly readable.	
• Ar	ny correction / cutting must be initialed and stamped by the bidder.	
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	/ PTCL #	

## DISTRICT MUNICIPAL CORPORATION, KARACHI WEST SECTOR 11-E SHAHRAH-E-ORANGI, ORANGI TOWN, KARACHI PTCL # 36697869 / 36660102 & FAX # 36762519

TENDER REFERENCE # NIT/03/2015

Dated: 03-03-+2015

ORANGI ZONE, DMC (WEST)

SUBJECT:

P/L SEWERAGE SYSTEM 12" DIA IN GULSHAN-E-BEHAR MARRIAGE LAWN

AND GALI # 11 NEAR SHAHRAH-E-QADDAFI ORANGI ZONE -

# **BILL OF QUANTITIES**

ESTIMATED COST **BID SECURITY TENDER COST** 

RS.8,59,590.00 + ORRS. 17192.00 RS. 1000.00

Issued to M/S			
Video pay order / Challan #	dated:	Rs	

Signature and stamp

ngineer B&R Orangi zone,

	•	,		Lynner.	
10	P/L 1:2:4 RCC manhole covers i/c tor bar frame using GSB ¾" and d/g etc complete 21" dia	15 Nos	Each	913.63 each	13704.00
		<del>-1</del>	SUE	TOTAL PART-A	8,59,590.00 + OR
SIGN	IATURE OF CONTRACTOR				
ADD	RESS :				

i

SUBJECT:

P/L SEWERAGE SYSTEM 12" DIA IN GULSHAN-E-BEHAR MARRIAGE LAWN AND GALI # 11 NEAR SHAHRAH-E-QADDAFI ORANGI ZONE

I / WE HEREBY QUOTED RATES AS FOLLOWS:-

	PART-A (ITEM: RATES BASES ON SR)	
1	@ % ABOVE / BELOW SR I/C THE COST OF	RS
	CARRIAGE OF MATERIALS AND DIFFERENCE OF COST OF BITUMEN	
02	PART-B (ITEM RATE BASES ON OFFER RATES / ITEM RATES THE	
	ITEMS OTHER THEN SCHEDULE RATES	RS
	GRAND TOTAL PART-A & B	RS
<u></u>		
TOTAL	RSRUPEES	
NOTE:-	4	
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•	The rates must be quoted in words and figures both clearly readable.  Any correction / cutting must be initialed and stamped by the bidder.	
•	The rates must be quoted in words and figures both clearly readable.	
• Signatı	The rates must be quoted in words and figures both clearly readable.  Any correction / cutting must be initialed and stamped by the bidder.	





## DISTRICT MUNICIPAL CORPORATION, KARACHI WEST SECTOR 11-E SHAHRAH-E-ORANGI, ORANGI TOWN, KARACHI PTCL # 36697869 / 36660102 & FAX # 36762519

TENDER REFERENCE # NITY03/2015

Dated: 03-03-+2015

ORANGI ZONE, DMC (WEST)

SUBJECT:

P/L RCC PIPE JAMA MASJID FAIZAN-E-ATTARI GALI # 14 AND 8 IN

GULSHAN-E-ZIA ORANGI ZONE

# BILL OF QUANTITIES

ESTIMATED COST **BID SECURITY** TENDER COST

RS.8,60,288.00 # OR RS. 17,206.00 RS. 1000.00

Issued to M/S			
 Video pay order / Challan #	dated:	- Do	<del></del>

Signature and stamp

agineer B&R Orangi zone.

SUBJECT:

P/L RCC PIPE JAMA MASJID FAIZAN-E-ATTARI GALI # 14 AND 8 IN GULSHAN-E-ZIA ORANGI ZONE

### **PART-B ITEM BASED ON OFFER RATES**

S #	DESCRIPTION	QUANTITY	RATES	AMOUNT
01	P/F RCC ring slab 39" dia with RCC manhole cover of 21" dia as per direction of engineer in charge	18 Nos	OR Rs.	
02	S/f imported earth from borrow pit i/c loading and unloading and stacking at site etc complete	2074 cft	OR Rs.	
	-	SUB TO	OTAL PART-B	

SIGNATURE OF CONTRACTOR

C	no.			-
31	ÚΒ	IJE	٠.	í.

P/L RCC PIPE JAMA MASJID FAAIZAN-E-ATTARI GALI # 14 AND 8 IN GULSHAN-E-ZIA ORANGI ZONE, DMC (WEST).

I / M/E HEREBY QUOTED RATES AS FOLLOWS:-

01	PART-A (ITEM RATES BASES ON SR)	
	@ % ABOVE / BELOW SR I/C THE COST OF	RS
·	CARRIAGE OF MATERIALS AND DIFFERENCE OF COST OF BITUMEN	
02	PART-B (ITEM RATE BASES ON OFFER RATES / ITEM RATES THE	·
	TEMS OTHER THEN SCHEDULE RATES	RS
	·	
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	GRAND TOTAL PART-A & B	RS
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TOTAL D	DURES.	
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_		TACHED WITH THE TENDER
AS PER N	IT AND OFFER RATES MENTIONED ABOVE.	INCHED WITH THE TEMPER
NOTE:-	: .	
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• 1	he rates must be quoted in words and figures both clearly readable.	
	Any correction / cutting must be initialed and stamped by the bidder.	
•	, , , , , , , , , , , , , , , , , , ,	
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signature	e of contractor	
		•
qaress :		
Cell#		
~CII #	/PTCL#	





## DISTRICT MUNICIPAL CORPORATION, KARACHI WEST

NAME OF WORK:

# INSTRUCTION TO BIDDERS / PROCURING AGENCIES GENERAL RULES AND GUIDANCE TO CONTRACTORS

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance to the requirement of the procuring agency. It should also give information on bid, submission, opening and evaluation, and on the award of contract. Mater governing the performance or the contract or payment under the contract or matters affecting the risks, rights and obligations of the payment under the contract is included as conditions of contract and bidding Data.

The instruction to bidders will not be part of the contract and will cease to have effect once the contract is signed.

1-Notice inviting / invitation for bid: All work proposed to be executed by contract shall be notified in a form of notice inviting tender (NIT) / invitation to bid (IFB) hosted on the web site of authority and procuring of work and also in newspapers wherever require as per Rules. NIT must state the description of work, dates, time and place issuing tenders, submission, opening bids, completion time, cost of bidding documents and bid security either in lump sum or a percentage of estimated cost /bid cost. The interested bidders must have valid NTN also. 2-Content of bidding documents: it must include, but not limited to: Conditions of contract, contract data, specification or its reference with premium to be filled in the form of percentage above / below or on item rates to be quoted, form of agreement and drawings.

- 3-Fixed price contracts: The bid price and rates are fixed during the currency of the contract and under no circumstance shall any be entitled to claim enhance rates for any terms in this contract.
- 4- Right to rejection: The procuring agency shall have the right of rejecting all or any of the tender / bid as per provision of SPP Rules-2010 (amended-2013).
- 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 the bill of quantities for an item or work to be carried out he is willing to undertake the work and also quoted the rates for those items which are based on market rates. Only one rats of such percentage on all the scheduled rates shall be framed, The tender which proposes time, allowing for carrying out, eh 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 his tender documents shall refer the name and number of the work.
- 6-Measurements: All works shall be measured by standardized instruments according to the rules.
- 7-Evidence of eligibility: Bidders shall provide evidence of their eligibility as and when requested by the procuring agency. Experience of relevant works / turnover of at least last three years, managerial capability, resources, details who to execute the work and cop with technical difficulties, available machineries, Registration of Board, income tax department valid NTN number, registration in sale tax in case the procurement of goods and services, Registration of Sindh Revenue board and registration of Pakistan Engineering council and any other factor deemed to be relevant by the procuring agency subject to provision of Rule-44.
- 8-Late submission of bids: any bid received by the agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.
- 9-Bid security: Bid without the security of required amount and prescribed form shall be rejected.



Compensation of all damage done intentionally or in intentionally on the site by the contractor's labors shall aid by him.

Clause 15: <u>Sub contracting</u>: 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 in-charge. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, default or neglects were those of the contractor his agent servants or workman. The provisions of this contractor shall apply to such subcontract or his employees as if he or it were employees of the contractor.

Clause- 16: <u>Disputes</u>: 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 contractor upon all questions relating to the meaning of the specifications, designs, drawings and work or as to any other questions\, claim, rights, matter or things 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 furnish the certificate by the Engineer incharge (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 the site either fails to comply with the requirements of this clause then Engineer in-charge may on the expense of the contractor remove and dispose off the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any such actually realized by the sale thereof.

### Clause-18: Financial assistance / advance payment:

- A- Mobilization advance in any condition, situation is not allowed.
- B- Secure advance against materials brought at site.
  - 1- Secured advance may be permitted only against imperishable materials/ quantities anticipated / utilized on the work within a period of three months from the date of issue of secured advance and definitely not full quantities of materials for the entire work/ contract. The sum payable for such material on site shall not exceed 75% of the materials of the market price of materials.
  - 2- Recovery of secured advance paid to the contractor under above provision shall be affected from the monthly payments on actual consumption basis but not later then period more the three months (even if unutilized).

Clause-19: <u>Recovery of arrears of land Revenue</u>: Any sum due to the government by the contractor shall 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 form the last cate on which its final measurement are checked by and 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 in-charge 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		Executive Engineer / Procuring Agency
Contractor	,	



# CO' DITION OF CONTRACT.

Clause-1: Commencement and completion dates of the work: The contractor shall not enter upon or commence any portion of the work except with the written authority and instructions of the Engineer in charge or its subordinate officer / o ficial of the work failing which authority the contract shall have no claim to ask for measurement or its payment the work executed by him on site.

Clause-2: <u>liquidated damages</u>: The contractor shall pay liquidated damages to the agency at The contractor shall proceed with the work with due expedition and with delay and complete in the time allowed for carrying out he work as entered in the tender shall be strictly observed by the contractor and shall reckon from the date on which the order to commence the work, the contractor shall be bound, In all in which the time allowed for completion of at any work exceeds one month to achieve progress on the prorate basis.

The rate devastated in 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 percent of the contract amount / cost /price. Payment of liquidated damages does not affect the contractor's liabilities.

### Clause-3: Termination of the contract.

Procuring agency / Executive Engineer may terminate the contract if either of the following conditions exist:-

1-Contractor causes a breach of any clause of the contract:

2-The progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired.

3-in case of abandonment of the work owing to the serious illness or death of a contractor or any other cause.

4-contractor can also request for termination of contract if a payment certified by the Engineer in charge is not paid to the contractor within 60 days of the date of submission of the bill.

- (8) The Executive Engineer / Procuring agency has power to adopt any of the following courses as may deem fit:
  - 1- to forfeit the security deposit available except conditions mentioned at A(3) and (4) above.
  - 2-to finalize the work by measuring the work done by the contractor.
- (C) In the event of any the above courses being adopted by the Engineer / procuring agency the contractors Have :-
  - 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 work or the performance of the contract.
  - However, the contractor can claim for the work done on site duly certified by the Executive Engineer in writing regarding the performance of such work and has not been paid. The procuring Agency / Engineer may invite fresh bid for remaining work.

Clause-4: <u>Possession of the site and claims for compensation for delay</u>. The Executive Engineer shall give possession of all parts of the site to the contractor. If possession of the site is not given by the date stated in commencement order no compensation shall be allowed for any delay caused by starting to work on account of any acquisition of land water standing in borrow pits compartments or in accordance 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 on its initiative before the date of completion or on desired of the contractor may extend the intended from the completion date, if any event which hindrance the execution of contract accordance or a variation order if issued which make 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 of completion of the work shall be date fixed by the order given in the extension or by the aggregate of such orders, make under this agreement. When time has been extended as for said, it shall continue to be essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

Clause-6: <u>Specification</u>: The contractor shall execute the whole or every part of the work in the most sub-workman like manner and both as regard material or all other matters strict accordance with the specification edge in the office the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm t fully and faithfully to the design, drawing and instruction in writing relating to the works signed by the Executive Engineer in-charge and lodge in his office in to which the contractor shall be entitled to have excess as such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so required the entitled at his own expense to make or cost to be made copy of the specification, and all such design, drawing, and instruction as aforesaid.

Clause-7 Payment: (A) Interim fresh running bill a bill shall be submitted by the contractor as frequently as the progress of work may justified for all the work executed and not included any previous bill atleast one in a month and the Engineer in- charge shall take or cost to be taken requisite measurement for the purpose of having the same verified and the claim, as far as admissible, adjusted, if possible before the expiry of 10 days from the presentation from 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 counter signature to the measurement list will be sufficient to warrant and the Engineer incharge may prepare a bill from such list which shall be binding on the contractor in all respect. The engineer procuring agency shall pass/ certify the amount to be paid to the contractor, which he consider due and payable in respect thereof, subject to deduction of security deposit, advance payment if any make to him and taxes. All such intermediate payment shall be regarded as payment by way of advance against the final payment only and not as payment for work actually done and completed and shall not preclude the engineer in-charge from the recoveries from final bill and rectification of defects and unsatisfactory items of work pointed out to him during the defect liability period.

(B)- Final bill: A bill shall be submitted by the contractor within one month of the day fixed for the completion of work otherwise the Engineer in charge certificate of re-measurement and of the total amount payable for the work shall be final and binding on all parties.

Clause – 8: Reduced rates. In cases where the items of works are not accepted as so completed, the engineer-incharge 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 plan, 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 item 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 and 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 b in the form of few rates for the relevant item of work, and 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 of the work shall be extended in the proportion that the additional work bear to the original contract work. The 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 for superintending engineer.
- (E) Repeat order: Any cumulative beyond 15 % of initial contract amount shall be subject of any other contract to be tendered of if the works are separable from the original contract.



#### agase 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 for his sub-ordinate incharge of the work may instruct the contractor to uncover and test any part of the work which he considered may have a defect due to use of un sound material and un skilled full workman ship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid
- B- Correction of defect the contractor shall be bound forthwith to rectified or removed and re construct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the defect correction period mentioned in notice.
- C- UN corrected defects 1- in the case of any such failure, the Engineer incharge shall give the contractor at least 14 days' notice of in intention to use the third party correct the defect. He may rectify and remove and re execute the work or remove or replace material or articles complain of as the case may be as the risk and expense in all respect of the contractor.
  - 2- if the engineer consider that the correction of the defect is not essential and it may be accepted or make use of, it shall be within his discretion to accept the same at such reduce rates as he may fixed there forth.

Clause 11: A <u>Inspection of operations</u>. The Engineer and his sub ordinate, shall at all reasonable time have access to the site for supervision and inspection of work under or in course of execution in pursuance of the contract and contractor shall afford every facility /assistance in obtaining the right to such access

B- <u>Date for inspection</u>: The Engineer shall give the contractor give a reasonable notice of the intention of the Engineer in-charge or his sub-ordinate staff to visit the work shall have given to the contractor, then he either himself be present to receive orders and instructions or have 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: <u>Examination of work before covering up</u>:

A-No part of the work shall be covered up or put out of view / beyond the reach without giving notice of no less then days to the Engineer in charge when ever any such part of the works or foundation 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 cover up or placed beyond the reach of measurement without such notice having been given; the same shall be uncovered on the contractor's expenses 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: <u>Risk</u>: The contractor shall be responsible for all risks of loss of or damage to physical property or facilities or the related services at the premises and of personal injury and death without arise during and in consequence of its performance of the contractor. If any damage is caused while the work is in progress or become apparent within months of the grant of the certificate of completion, final or otherwise the contractor shall make good the same at this own expense or in default the Engineer may cause the same to be made good by other workman and deduct the expenses from retention money laying 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 of all its activities including protection of the environment on and off the site.

10-Arithmetical errors: Bids determined to be substantially responsive shall be checked for any arithmetical errors shall be rectified on the following basis:-



- In case of schedule rates, the amount of percentage quoted above or below will be checked and added or subtracted from the amount of bill of quantities to arrive the final bid cost.
- In case of item rates: it there is a discrepancy between the unit rates and the total cost that is obtained by
  multiplying the unit and quantities the unit rate shall prevail and the total cost will be corrected unless in the
  opinion of the agency there is nay obvious misplacement of the decimal point in the unit rates, In which case
  the total cost as quoted will govern and his unit rates corrected. If there is a discrepancy between the total
  bid amount and the sum of total costs the sum of the total cost shall prevail and the total bid amount shall be
  corrected.
- Where there is a discrepancy between the amounts in figures and in words the amount in words shall be governed.