

Bill of Quantity

SUB:-Overhauling/Serviceing contract for repairing of pumps installed in L-1 & L-3 Metro stations Shastri Park & Najafgarh staff quarter Complex.

Sr. No.	Description of Item	Unit	Qty.	*Rate	Amount
1	Labour charge for dismantalling from site of various metro stations, Repairing, refitting, alingment, testing and commissioning at site in all respect & complete, including to & fro transportation of material of different type of pumps as given below.				
	a Main fire pump 40HP to 90HP. Make - Mather + Platt, Kirloskar.	Nos.	4		
	b Jockey Pump 7.5 to 20 HP. Make- Mather+Platt, Kirloskar	Nos.	10		
	c Mono Block Pump 3 to 7.5 HP. Make-CG, Kirloskar, Groundfos, Salmson.	Nos.	6		
	d Sump Pump 0.5 to 2 H.P	Nos.	6		
2	Supply and fitment of mechanical seal suitable for the following pumps. Make-Leakproof/CPIL.				
	i) Main Fire Pump				
	a 100/125 CSN, 100/150GST, 125x100-200ET, 100/125AST, 100x65-200ET, 125x100-250ET	Mather+Platt	Nos.	2	
	b DB100/40, DB100/26, DB80/20, DB80/26, CE100/40	Kirloskar	Nos.	4	
	ii) Jockey Pump				
	a 50x32-200ET-ISO No-03	Mather+Platt	Nos.	4	
	b CPHM32/20 AND 32/26	Kirloskar	Nos.	6	
	c DB32/26 AND 32/20	Kirloskar	Nos.	6	
	d KPD32/26	Kirloskar	Nos.	6	
	iii) Mono Block Pump				
	a MBK52	Crompton Greaves	Nos.	1	
	b Multi-H404SE-MB	Salmson	Nos.	1	
	c CH4-50AACVBE	Groundfos	Nos.	2	
	d KDS-335++	Kirloskar	Nos.	6	
	e KDS-550++	Kirloskar	Nos.	4	
	f KDT-568++	Kirloskar	Nos.	2	
	g TBN-4855	Crompton Greaves	Nos.	1	
3	Supply and fitment of S.S Sleeve.				
	i) Main Fire Pump				
	a 100/125 CSN, 100/150GST, 125x100-200ET, 100/125AST, 100x65-200ET, 125x100-250ET	Mather+Platt	Nos.	2	
	b DB100/40, DB100/26, DB80/20, DB80/26, CE100/40	Kirloskar	Nos.	2	
	ii) Jockey Pump				

	a	50x32-200ET-ISO No-03	Mather+Platt	Nos.	2		
	b	CPHM32/20 AND 32/26	Kirloskar	Nos.	4		
	c	DB32/26 AND 32/20	Kirloskar	Nos.	4		
	d	KPD32/26	Kirloskar	Nos.	2		
	iii) Mono Block Pump						
	a	MBK52	Crompton Greaves	Nos.	2		
	b	Multi-H404SE-MB	Salmson	Nos.	2		
	c	CH4-50AACVBE	Groundfos	Nos.	1		
	d	KDS-335++	Kirloskar	Nos.	4		
	e	KDS-550++	Kirloskar	Nos.	4		
	f	KDT-568++	Kirloskar	Nos.	4		
	g	TBN-4855	Crompton Greaves	Nos.	2		
4	Supply and fitment of shaft EN-8						
	i) Main Fire Pump						
	a	100/125 CSN, 100/150GST, 125x100-200ET, 100/125AST, 100x65-200ET, 125x100-250ET	Mather+Platt	Nos.	1		
	b	DB100/40, DB100/26, DB80/20, DB80/26, CE100/40	Kirloskar	Nos.	1		
	ii) Jockey Pump						
	a	50x32-200ET-ISO No-03	Mather+Platt	Nos.	1		
	b	CPHM32/20 AND 32/26	Kirloskar	Nos.	2		
	c	DB32/26 AND 32/20	Kirloskar	Nos.	2		
	d	KPD32/26	Kirloskar	Nos.	1		
	iii) Mono Block Pump						
	a	MBK52	Crompton Greaves	Nos.	1		
	b	Multi-H404SE-MB	Salmson	Nos.	1		
	c	CH4-50AACVBE	Groundfos	Nos.	1		
	d	KDS-335++	Kirloskar	Nos.	1		
	e	KDS-550++	Kirloskar	Nos.	1		
	f	KDT-568++	Kirloskar	Nos.	1		
	g	TBN-4855	Crompton Greaves	Nos.	1		
5	Supply of G. I nuts & bolts incl. Plain & spring washers suitable for mono block pump coupling upto 7.5 HP pumps			Set	4		
6	Supply of G.I nuts & bolts incl. Plain & spring washers suitable for jockey pump coupling from 7.5HP to 15 HP pumps			Set	6		

7	Supply of G.I nuts & bolts incl. Plain & spring washers suitable for main fire pump coupling 40HP to 90 HP pumps	Set	2		
8	Supply and replacement of oil suitable for 0.5 to 2H.P sump pump	Set	1		
9	Supply and fitment of CI impeller				
	i) Main Fire Pump				
	a 100/125 CSN, 100/150GST,125x100-200ET, 100/125AST,100x65-200ET,125x100-250ET	Mather+Platt	Nos.	1	
	b DB100/40, DB100/26, DB80/20, DB80/26, CE100/40	Kirloskar	Nos.	1	
	ii) Jockey Pump				
	a 50x32-200ET-ISO No-03	Mather+Platt	Nos.	1	
	b CPHM32/20 AND 32/26	Kirloskar	Nos.	1	
	c DB32/26 AND 32/20	Kirloskar	Nos.	1	
	d KPD32/26	Kirloskar	Nos.	1	
	iii) Mono Block Pump				
	a MBK52	Crompton Greaves	Nos.	1	
	b Multi-H404SE-MB	Salmson	Nos.	1	
	c CH4-50AACVBE	Groundfos	Nos.	1	
	d KDS-335++	Kirloskar	Nos.	1	
	e KDS-550++	Kirloskar	Nos.	1	
	f KDT-568++	Kirloskar	Nos.	1	
10	Repair of impeller and key slot cutting on shaft				
	i) Main Fire Pump				
	a 100/125 CSN, 100/150GST,125x100-200ET, 100/125AST,100x65-200ET,125x100-250ET	Mather+Platt	Nos.	1	
	b DB100/40, DB100/26, DB80/20, DB80/26, CE100/40	Kirloskar	Nos.	1	
	ii) Jockey Pump				
	a 50x32-200ET-ISO No-03	Mather+Platt	Nos.	1	
	b CPHM32/20 AND 32/26	Kirloskar	Nos.	1	
	c DB32/26 AND 32/20	Kirloskar	Nos.	1	
	d KPD32/26	Kirloskar	Nos.	1	
	iii) Mono Block Pump				
	a MBK52	Crompton Greaves	Nos.	1	

	b	Multi-H404SE-MB	Salmson	Nos.	1		
	c	CH4-50AACVBE	Grundfos	Nos.	1		
	d	KDS-335++	Kirloskar	Nos.	1		
	e	KDS-550++	Kirloskar	Nos.	1		
	f	KDT-568++	Kirloskar	Nos.	1		
11	Supply and fitment of gland pack set						
	i) Main Fire Pump						
	a	100/125 CSN, 100/150GST,125x100-200ET, 100/125AST,100x65-200ET, 125x100-250ET	Mather+Platt	Nos.	2		
	b	DB100/40, DB100/26, DB80/20, DB80/26, CE100/40	Kirloskar	Nos.	2		
	ii) Jockey Pump						
	a	50x32-200ET-ISO No-03	Mather+Platt	Nos.	2		
	b	CPHM32/20 AND 32/26	Kirloskar	Nos.	2		
	c	DB32/26 AND 32/20	Kirloskar	Nos.	2		
	d	KPD32/26	Kirloskar	Nos.	2		
	iii) Mono Block Pump						
	a	MBK52	Crompton Greaves	Nos.	1		
	b	Multi-H404SE-MB	Salmson	Nos.	1		
	c	CH4-50AACVBE	Grundfos	Nos.	1		
	d	KDS-335++	Kirloskar	Nos.	1		
	e	KDS-550++	Kirloskar	Nos.	1		
12	Supply and fitment of bearings						
	i) Main Fire Pump						
	a	100/125 CSN, 100/150GST,125x100-200ET, 100/125AST,100x65-200ET, 125x100-250ET	Mather+Platt	Set	1		
	b	DB100/40, DB100/26, DB80/20, DB80/26, CE100/40	Kirloskar	Set	1		
	ii) Jockey Pump						
	a	50x32-200ET-ISO No-03	Mather+Platt	Set	2		
	b	CPHM32/20 AND 32/26	Kirloskar	Set	2		
	c	DB32/26 AND 32/20	Kirloskar	Set	2		
	d	KPD32/26	Kirloskar	Set	2		
	iii) Mono Block Pump						
	a	MBK52	Crompton Greaves	Set	1		
	b	Multi-H404SE-MB	Salmson	Set	1		

	c	CH4-50AACVBE	Groundfos	Set	1		
	d	KDS-335++	Kirloskar	Set	1		
	e	KDS-550++	Kirloskar	Set	1		
13	Supply and fitment of gland plate and bolts						
	i) Main Fire Pump						
	a	100/125 CSN, 100/150GST,125x100-200ET, 100/125AST,100x65-200ET,125x100-250ET	Mather+Platt	Set	1		
	b	DB100/40, DB100/26, DB80/20, DB80/26, CE100/40	Kirloskar				
	ii) Jockey Pump						
	a	50x32-200ET-ISO No-03	Mather+Platt	Set	4		
	b	CPHM32/20 AND 32/26	Kirloskar				
	c	DB32/26 AND 32/20	Kirloskar				
	d	KPD32/26	Kirloskar				
	iii) Mono Block Pump						
	a	MBK52	Crompton Greaves	Set	2		
	b	Multi-H404SE-MB	Salmson				
	c	CH4-50AACVBE	Groundfos				
	d	KDS-335++	Kirloskar				
	e	KDS-550++	Kirloskar				
14	Supply and replacement of rubber coupling						
	i) Main Fire Pump						
	a	100/125 CSN, 100/150GST,125x100-200ET, 100/125AST,100x65-200ET,125x100-250ET	Mather+Platt	Nos.	4		
	b	DB100/40, DB100/26, DB80/20, DB80/26, CE100/40	Kirloskar	Nos.	2		
	ii) Jockey Pump						
	a	50x32-200ET-ISO No-03	Mather+Platt	Nos.	4		
	b	CPHM32/20 AND 32/26	Kirloskar				
	c	DB32/26 AND 32/20	Kirloskar				
	d	KPD32/26	Kirloskar				
15	Supply and replacement of coupling pulley & bolts						
	i) Main Fire Pump						
	a	100/125 CSN, 100/150GST,125x100-200ET, 100/125AST,100x65-200ET,125x100-250ET	Mather+Platt	Set	1		
	b	DB100/40, DB100/26, DB80/20, DB80/26, CE100/40	Kirloskar	Set	1		
	ii) Jockey Pump						
	a	50x32-200ET-ISO No-03	Mather+Platt	Set	2		
	b	CPHM32/20 AND 32/26	Kirloskar	Set	8		
	c	DB32/26 AND 32/20	Kirloskar	Set	10		

	d	KPD32/26	Kirloskar	Set	2			
16 Supply and replacement of Base Plate/stand								
i) Main Fire Pump								
	a	100/125 CSN, 100/150GST,125x100-200ET, 100/125AST,100x65-200ET,125x100-250ET	Mather+Platt	Nos.	4			
	b	DB100/40, DB100/26, DB80/20, DB80/26, CE100/40	Kirloskar	Nos.	4			
ii) Jockey Pump								
	a	50x32-200ET-ISO No-03	Mather+Platt	Nos.	2			
	b	CPHM32/20 AND 32/26	Kirloskar	Nos.	8			
	c	DB32/26 AND 32/20	Kirloskar	Nos.	6			
	d	KPD32/26	Kirloskar	Nos.	2			
17 Supply and replacement of coupling guard								
i) Main Fire Pump								
	a	100/125 CSN, 100/150GST,125x100-200ET, 100/125AST,100x65-200ET,125x100-250ET	Mather+Platt	Nos.	4			
	b	DB100/40, DB100/26, DB80/20, DB80/26, CE100/40	Kirloskar	Nos.	2			
ii) Jockey Pump								
	a	50x32-200ET-ISO No-03	Mather+Platt	Nos.	2			
	b	CPHM32/20 AND 32/26	Kirloskar	Nos.	1			
	c	DB32/26 AND 32/20	Kirloskar	Nos.	1			
	d	KPD32/26	Kirloskar	Nos.	1			
18 Supply and replacement of delivery casing								
i) Main Fire Pump								
	a	100/125 CSN, 100/150GST,125x100-200ET, 100/125AST,100x65-200ET,125x100-250ET	Mather+Platt	Nos.	1			
	b	DB100/40, DB100/26, DB80/20, DB80/26, CE100/40	Kirloskar	Nos.	1			
ii) Jockey Pump								
	a	50x32-200ET-ISO No-03	Mather+Platt	Nos.	1			
	b	CPHM32/20 AND 32/26	Kirloskar	Nos.	1			
	c	DB32/26 AND 32/20	Kirloskar	Nos.	1			
	d	KPD32/26	Kirloskar	Nos.	1			
TOTAL								

*Rates are inclusive of all taxes, duties & levies etc.