



**NATIONAL INSTITUTE OF MENTAL HEALTH AND NEURO SCIENCES  
(INSTITUTE OF NATIONAL IMPORTANCE), BANGALORE-29  
(ENGINEERING SECTION)**

Ref.No. NIMH/ENG/HOES/ 293 /2019-20

Dt: 17/05/2019

**QUOTATION NOTIFICATION**

- Sub: 1) Annual Labour Maintenance contract of 6No's of Diesel Engines of DG sets.  
2) Rate contract for supplying 'B' check spares to 17 No's of Diesel engines.  
3) Supply of materials for maintenance to these Diesel Engines as & when they fail.

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Sealed quotation are invited from the reputed DG repairer and maintenance agencies for following work addressed to the Head of Engineering Section, National Institute of Mental Health and Neuro Sciences, Post Bag.No. 2900, Hosur Road, Bangalore-29, so as to reach the undersigned by 3.00 p.m. on or before 27/05/2019. Quotations will be opened on the same day at 3.30 p.m. in the presence of agencies. Please furnish your quotation in a sealed cover. The agencies are instructed to furnish the EMD of Rs.50,000/- in the firm of DD/PO in favour of Director NIMHANS, otherwise quotation will not be considered.

Sl. No	Description of the work	Unit	Apprx Quantity	Rate to be quoted in figs/words	Amount
1	As per the enclosed annexures A,B,C				
				<b>Total Rs.</b>	

Signature of the agency  
after duly accepting the quotation  
with address and rubber stamp.

Sd/-  
Head of Engg. Section  
NIMHANS, BANGALORE

ANNEXURES 'A'  
Annual maintenance contract (labour) of 6 Nos. DG sets at NIMHANS.

Sl. No	Description of the work	Unit	Apprx Quantity	Rate to be quoted in figs/words	Amount
	Annual maintenance contract (labour) of following DG sets. For the period From 1.6.2019 to 31.5.2020.				
1	Cummins 750KVA DG set of Administrative block	Nos	01		
2	Cummins 1x320 KVA DG set of OPD	Nos	01		
3	Cummins 437.5 KVA DG set of Convention centre	Nos	02		
4	Cummins 1x62.5 KVA DG set of Data centre	Nos	01		
5	Cummins 1x62.5 KVA DG set of Behind library	Nos	01		
6	Detailed scope of work As per enclosed Annexure "c"				
	Total Rs.				
	IN WORDS				

**Note: Apply GST as per Government order separately**

Signature of the Agency

**Sd/-**  
H.O.E.S

ANNEXURES 'B'

B check spares. (For annual rate contract )

Sl. No	Description of the work	Unit	Apprx Quantity	Rate to be quoted in figs/words
1	B CHECK KIT FOR VT 1710-G-437.5 KVA -2 NOS OF CONVENTION CENTRE			
	A)ELEMENT LUB OIL FILTER	Nos.	12	
	B) KIT FUEL FILTER	Nos.	8	
	C) KIT SUPER BY PASS FILTER	Nos.	4	
	D) INHIBITOR CORROSION	Nos.	4	
	E) AIR FILTER INNER-OUTER	Nos.	4	
	F) SEAL ORING	Nos.	24	
2	B CHECK KIT FOR KT 1150-G 320 KVA – 3 NOS OPD 1 NO.			
	A) ELEMENT LUB OIL FILTER	Nos.	12	
	B) KIT FUEL FILTER	Nos.	12	
	C) KIT SUPER BY PASS FILTER	Nos.	06	
	D) INHIBITOR CORROSION	Nos.	06	
	E) AIR FILTER INNER-OUTER	Nos.	03	
	F) SEAL ORING	Nos	30	
3	B CHECK KIT FOR KTA 38-G IX 750 KVA- DG SET -1NO OF ADMN BLOCK.& 1NO HOSPITAL SIDE (2 NOS)			
	A) ELEMENT LUB OIL FILTER	Nos.	16	
	B) KIT FUEL FILTER	Nos.	8	
	C) KIT SUPER BY PASS FILTER	Nos.	8	
	E) INHIBITOR CORROSION	Nos.	8	
	F) SEAL ORING	Nos.	32	
	G) AIR FILTER INNER-OUTER	Nos.	4	
	F) OIL	LTR.	120	

Signature of the Agency

4	B CHECK KIT FOR S3.8G7 NEW DG SET DATA CENTRE-1, BEHIND LIBRARY- 1(2NOS)			
	A) DIESEL FILTERS	Nos	2	
	B) OIL FILTERS	Nos	2	
	C) AIR FILTERS	Nos	2	
	D) COOLANT	LITRE S	10	
	E) OIL	LITRE S	30	
5	MAINTENANCE SPARES FOR ALL DG SETS			
	A)WATER SAFETY CONTROL	Nos.	2	
	B) OIL SAFETY CONTROL	Nos.	2	
	C) SHUT DOWN WALVE	Nos.	2	
	D) TAPPET COVER GASKET	Nos.	6	
	E) STARTING SWITCH	Nos.	2	
	F) FLEXIBLE COUPLING WATER	Nos.	2	
	G) EXHAUST BELLOW	Nos.	1	
	H) ADAPATOR EXHAUST TURBO	Nos.	1	
	I)ELBOW EXHAUST TURBO	Nos.	1	
	J) MAGNETIC SWITCH	Nos.	2	
	K) SELF STARTER FOR 250/320/437.5	Nos.	1	
	L) HOUR METER	Nos.	4	
	M) CABLE HOUR METER	Nos.	4	
	N)RADIATOR CORE ASSEMBNLY	Nos.	1	
6	MAINTENANCE SPARES FOR ALL DG SETS			
	A)ELECTRONIC FUEL CONTROL	Nos.	1	
	B)OIL SAFETY CONTROL	Nos.	2	
	C) HOSE FUEL FILTER TO TANK	Nos.	2	
	D) HOSE FUEL FILTER TO TANK	Nos.	2	
	E) HOSE WATER SEPRATOR	Nos.	2	
	F) HOSE TURBO SUPPLY	Nos.	2	
	G) HOSE RETURN	Nos.	2	

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	H) HOSE BY PASS	Nos.	2	
	D)HOSE OIL SUCETION	Nos.	2	
Sl. No	Description of the work	Unit	Apprx Quantity	Rate to be quoted in figs/words
7	'B' CHECK KIT FOR 250 KVA DG SET 2 NOS OF DSA-1& 1.5 MRI ( 2NOS)			
	A)OIL FILTER	Nos.	04	
	B)FUEL FILTER	Nos.	04	
	C)ENGINE OIL	ltr	08	
	D)COOLANT	can	02	
	E) CLEANING MATERIAL	kg	8.0	
	F)AIR FILTER	Nos.	02	
	G)DELIVERY CHARGES	L/s		
	H)SERVICE CHARGES	L/s		
8	'B' CHECK KIT FOR 250 KVA DG MODEL CTA 8.3G OF SPIRAL CT ( 1NO)			
	A)LUB OIL FILTER	Nos.	01	
	B)CORROSION FILTER	Nos.	01	
	C)FUEL WATER SEPARATOR	Nos.	01	
	D)COOLANT	Can	01	
	E)AIR FILTER INNER	Nos.	01	
	F)AIR FILTER OUTER	Nos.	01	
	G)LUB OIL PREMIUM BLUE 15W 40	ltr	40	
	H) DELIVERY CHARGES	L/s		
	D)SERVICE CHARGES	L/s		
9	'B' CHECK KIT FOR KOEL ENGINE OF MODEL RB 44 OF FIRE ENGINE PUMP OF CONVENTION CENTRE.( 1NO)			
	A) LUB OIL FILTER	Nos	01	
	B) FUEL FILTER	Nos	01	
	C) CLEANING MATERIAL	Kg	2.0	
	D) DELIVERY CHARGES	L/s		
	E) SERVICE CHARGES	L/s		
10	B CHECK FOR 1010 KVA DG SET ASHOKA LEYLAND HOSPITAL SIDE (1 NO)			
	A) OIL FILTER	NO	3	

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	B) DIESEL FILTER	NO	4	
	C) BY PASS FILTER	NO	4	
	D) AIR FILTER	NO	4	
	F) OIL	LTR.	120	
	G) PRIMING PUMP WITH ACCESSORIES	SET	1	
	H) BUILT IN CHARGER WITH BATTERY 24 VOLT 100AH	SET	1	
11	B' CHECK KIT FOR CUMMINS ENGINE OF 125 KVA MEG(1NO)			
	F) LUB OIL FILTER SPINON	Nos	02	
	G) FUEL FILTER SPIN ON TYPE	Nos	02	
	H) AIR FILTER	Nos	02	
	I) SEAL 'O' RING	Nos	20	
12	B CHECK KIT FOR 100 KVA DG SET AT DSA-2 ( 1 NO)			
	A) DIESEL FILTER	NO	1	
	B) OIL FILTER	NO	1	
	C) FUEL SEPARATOR	NO	1	
	D) AIR FILTER	NO	1	
	E) COOLENT GREEN	LTR.	5	
	F) ENGINE OIL	LTR.	20	
13	B CHECK KIT 250 KVA SET CUMMINS AT SAKALA WARA (1NO)			
	A)ELEMENT LUB OIL FILTER	Nos.	2	
	B) KIT FUEL FILTER	Nos.	2	
	C) KIT SUPER BY PASS FILTER	Nos.	2	
	E) INHIBITOR CORROSION	Nos.	2	
	F) SEAL ORING	Nos.	2	
	G)AIR FILTER INNER-OUTER	Nos.	2	
	F) OIL	LTR.	60	

**Note: Apply GST as per Government order separately**

Signature of the agency  
after duly accepting the quotation  
with address and rubber stamp.

Sd/-  
Head of Engg. Section  
NIMHANS, BANGALORE

ANNEXURES 'C'  
Detailed scope of work.

Sl. No.	Description of the item
1	Monthly visit to each Engine (12 visits) a) To carry out preventive maintenance of engine. b) Inspection of recording of engine operating parameters and correct minor problems. c) Repair and adjustments which are minor in nature. d) Monitor the condition of Hoses and connections. e) Carry out 'B'C' checks whenever due. f) Checking of battery conditions and distilled water top up. g) Load trial.
2	Half yearly/yearly schedules. a) Checking and recording the end clearances of critical components such as crank shaft, ACC drive, Turbo charger, Water pump drive once in six months. b) Checking alignment of Engine and alternator once in six months. c) Vibration measurements once in six months d) Safety control simulation test once in a year. e) Health check once in a year. i) Basic Engine parameters. ii) Air boost pressure (before and after inter cooler) iii) Exhaust temperature. iv) Exhaust back pressure. v) Air restriction. vi) Differential temperature of radiator (raw and engine coolant). vii) Fuel efficiency. viii) Load parameters and load factors. f) Testing of lub oil and coolant once in a year.
3	In addition to 12 monthly visits, 6 No's of break down calls shall be attended in the scope of work.
4	If any exclusions may be furnished from your end apart from above mentioned works.
5	Split up of taxes if any shall be mentioned.

- Note:** 1) AMC (labour) fees will be paid half yearly after the completion of every six months.  
 2) B checks spares payment will be made after the supply and Replacement to the respective engines.

- Copy to:** 1. Sri. chaluvarju JE ( Ele) for information and wide publicity.  
 2. To the principal Library and information Centre with a request to publish the matter in the NIMHANS web site.  
 3. Note Board Engineering section  
 4. AO (A) with a request to display in your Notice board.

Signature of the agency  
after duly accepting the enquiry

**Sd/-**  
Head of Engg. Section  
NIMHANS, Bangalore