15 -ാം കേരള നിയമസഭ

4 -ാം സമ്മേളനം

നക്ഷത്ര ചിഹ്നം ഇല്ലാത്ത ചോദ്യം നം. 2423

<u>17-03-2022 - ൽ മറുപടിയ്ക്</u>

<u>കിഫ്ബി ഫണ്ട് ഉപയോഗിച്ച് പ്രവൃത്തി നടത്തന്ന ഏജൻസികൾ</u>

	ചോദ്യം		ഉത്തരം
	ശ്രീ . ടി. വി. ഇബ്രാഹിം		null (ധനകാര്യ വകപ്പ് മന്ത്രി)
(എ)	കിഫ്ബിയുടെ ഫണ്ട് ഉപയോഗിച്ച് റോഡുകളുടെയും കെട്ടിടങ്ങളുടെയും പ്രവൃത്തികൾ നടത്തുന്നതിന് ചുമതലപ്പെടുത്തിയ ഏജൻസികൾ ഏതെല്ലാമെന്ന് വൃക്തമാക്കുമോ;	(എ)	കിഫ്ബി ഫണ്ട് ഉപയോഗിച്ച് റോഡുകളുടേയും കെട്ടിടങ്ങളുടേയും പ്രവൃത്തികൾ നടത്തുന്നതിന് ബന്ധപ്പെട്ട ഭരണവകപ്പുകൾ നിയോഗിച്ചിട്ടുള്ള ഏജൻസികളുടെ വിശദാംശം അനുബന്ധം 1 ആയി ചേർക്കുന്നു.
(ബി)	ഇവരിൽ പലർക്കും സ്വന്തമായി എൻജിനീയറിങ് സാധന സാമഗ്രികൾ ഇല്ലാത്തതുകൊണ്ടോ സ്റ്റാഫുകളുടെ എണ്ണത്തിലുള്ള കുറവ് കൊണ്ടോ പല പ്രവൃത്തികളും മന്ദഗതിയിലാണെന്ന ആക്ഷേപം ശ്രദ്ധയിൽപ്പെട്ടിട്ടുണ്ടോ;	(ബി)	ശ്രദ്ധയിൽപ്പെട്ടിട്ടുണ്ട്. ആയത് പരിഹരിക്കുന്നതിനാവശ്യമായ നടപടികൾ സ്വീകരിച്ചിട്ടുണ്ട്.
(സി)	കിഫ്ബി ഫണ്ട് ഉപയോഗിച്ച് പ്രവൃത്തി ചെയ്യുന്ന ഏജൻസികൾ സമയബന്ധിതമായി പ്രവൃത്തി നടത്തുന്നുവെന്നും അവർക്ക് മതിയായ സ്റ്റാഫ് ഉണ്ടെന്നും ഉറപ്പ് വരുത്തുന്നതിന് നടപടി സ്വീകരിക്കുമോ?	(സി)	കിഫ്ബി മാനദണ്ഡ പ്രകാരം കിഫ്ബി മുഖേന നടപ്പിലാക്കാൻ പ്രഖ്യാപിക്കുന്ന പദ്ധതികളുടെ നിർവഹണത്തിനായി ഏജൻസികളെ നിയമിക്കുന്നത് ബന്ധപ്പെട്ട ഭരണ വകപ്പാണ്. പദ്ധതി നിർവ്വഹണത്തിന് ഈ ഏജൻസികൾ പ്രാപ്തരല്ല എങ്കിൽ മാറ്റി നിയോഗിക്കുന്നതിനുമുള്ള പൂർണ്ണ ഉത്തരവാദിത്തം ബന്ധപ്പെട്ട ഭരണവകപ്പിന്റേതാണ്. എന്നിരുന്നാലും, പദ്ധതികളുടെ ഗുണനിലവാരം, നിശ്ചിതസമയക്രമം എന്നിവ ഉറപ്പിക്കുന്നതിനായി കൃത്യമായ ഇടവേളകളിൽ പദ്ധതികളുടെ നിർമ്മാണ പുരോഗതി സംബന്ധിച്ച അവലോകന യോഗങ്ങളും അത്യാധുനിക യന്ത്രസാമഗ്രികൾ ഉപയോഗിച്ചുള്ള പരിശോധനകളും കിഫ്ബി നടത്തിവരുന്നു. കൂടാതെ പദ്ധതികൾക്ക് ആവശ്യമായ സാങ്കേതിക ഉപദേശങ്ങൾ പദ്ധതി നിർവഹണ ഏജൻസികളുടെ ആവശ്യാന്മസരണം കിഫ്ബി നൽകി വരുന്നു. ഇതോടൊപ്പം കിഫ്ബി എസ്.പി.വി കളുടെ പ്രാപ്തി അർദ്ധ വാർഷിക അടിസ്ഥാനത്തിൽ വിലയിരുത്തി വരുന്നു. ഈ റാങ്കിങ്ങിന്റെ അടിസ്ഥാനത്തിൽ പദ്ധതി നിർവ്വഹണത്തിന് പ്രാപ്തരായ ഏജൻസികളെ തിരഞ്ഞെടുക്കാൻ ഭരണവകപ്പിന് സാധിക്കുന്നു. പദ്ധതി നിർവഹണത്തിന് മതിയായ

സ്റ്റാഫ് ഉണ്ടെന്നു ഉറപ്പു വരുത്തുന്നതുമായി ബന്ധപ്പെട്ട് കിഫ്ബിയിൽ നിന്നും പുറപ്പെട്ടവിച്ചിട്ടുള്ള സർക്കലറുകളുടെ പകർപ്പ് അനുബന്ധം 2 ആയി ചേർക്കുന്നു. കിഫ്ബിയുടെ പരിശോധനയിൽ പദ്ധതി നിർവ്വഹണത്തിന് ആവശ്യമായ ജീവനക്കാരുടെ അപര്യാപ്തത ശ്രദ്ധയിൽപ്പെട്ടാൽ, നിർവ്വഹണ ഏജൻസികൾക്ക് നൽകി വരുന്ന സെന്റേജ് ചാർജ്ജിൽ കുറവു വരുത്തുന്നതടക്കമുള്ള നടപടികൾ കിഫ്ബി സ്വീകരിച്ചു വരുന്നു.

സെക്ഷൻ ഓഫീസർ

	അനുബന്ധം
SI. No	SPV Name
	BHARAT SANCHAR NIGAM LIMITED
	COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
3	HLL INFRA TECH SERVICES LTD
4	INKEL LIMITED
5	INVESTMENT IN MUNICIPAL AND PANCHAYAT ASSET CREATION FOR TRANSFORMATION (IMPACT) KERALA LTD
6	KERALA ACADEMY FOR SKILLS EXCELLENCE (KASE)
7	KERALA INFRASTRUCTURE AND TECHNOLOGY FOR EDUCATION (KITE)
8	Kerala Institute of Local Administration (KILA)
9	KERALA IRRIGATION INFRASTRUCTURE DEVELOPMENT CORPORATION LTD
10	KERALA MEDICAL SERVICES CORPORATION LIMITED
11	KERALA RAIL DEVELOPMENT CORPORATION LIMITED
12	KERALA RAPID TRANSIT CORPORATION LIMITED
13	KERALA ROAD FUND BOARD
14	KERALA STATE BACKWARD CLASSES DEVELOPMENT CORPORATION LIMITED
15	KERALA STATE COASTAL AREA DEVELOPMENT CORPORATION LIMITED
16	KERALA STATE CONSTRUCTION CORPORATION LTD.
17	KERALA STATE DRUGS & PHARMACEUTICALS LTD
18	Kerala State Electricity Board Ltd
19	KERALA STATE FILM DEVELOPMENT CORPORATION LTD
20	Kerala State Housing Board
21	KERALA STATE INFORMATION TECHNOLOGY INFRASTRUCTURE LTD
22	Kerala Tourism Infrastructure Ltd
23	KERALA WATER AUTHORITY
24	Kerala Waterways and Infrastructures Limited
25	KITCO LTD
26	KOCHI METRO RAIL LIMITED
27	KONKAN RAILWAY CORPORATION LIMITED
28	NEYYAR PEPPARA FOREST DEVELOPMENT AGENCY
29	ROAD INFRASTRUCTURE COMPANY KERALA LTD.
30	ROADS AND BRIDGES DEVELOPMENT CORPORATION OF KERALA LTD
31	Sabarimala Master Plan Trust Fund Board
32	STATE FOREST DEVELOPMENT AGENCY KERALA
33	THE KERALA AGRO INDUSTRIES CORPORATION LTD
34	THRISSUR FOREST DEVELOPMENT AGENCY
35	Travancore Devaswom Board
36	WAPCOS Limited

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PROCEEDINGS OF THE CHIEF EXECUTIVE OFFICER, KERALA INFRASTRUCTURE INVESTMENT FUND BOARD, THIRUVANANTHAPURAM

(Present: Dr.K.M.Abraham, CFA)

ORDER NO: IA9/348/2019/KIIFB dated. 12/08/2020

Sub: Human resource requirement at site as per the criteria of technical personnel for KIIFB funded projects - reg

Ref: 1) Letter no. IA-9/348/2019/KIIFB dated 02.04.2020

2) Letter no. IA-9/348/2019/KIIFB dated 16.06.2020

ORDER

As per the practices followed for KIIFB projects, the responsibility of identifying an agency, qualified under the KIIFB Act, rests solely with the concerned Department. During the periodic performance evaluation of SPVs, it was observed that administrative departments often do not carry out in depth evaluation of the capacity of SPVs to manage projects assigned to them. This has resulted in serious quality and progress related issues in various stages of the projects.

Administrative departments have already been intimated by CEO vide reference letter cited (1) above to share their views in the above context and to obtain concurrence of KIIFB for (1) entrusting new projects to existing SPVs (2) considering a new organisation as SPV and (3) taking back projects from SPVs who have taken no actions for project implementation.

Further to this, it has been felt that the lack of sufficient qualified technical staff at project site is a main reason for quality, safety and progress related issues. Recent mishaps in one or two sites of KIIFB funded projects have strengthened this apprehension. A comparative analysis of the performance of the SPVs was undertaken and the following issues during project execution were identified:

- The supervision at site was not adequate for the execution.
- Significant non-compliance on deviations from approved standards.
- Most of the estimates prepared by SPV are not accurate as per site actuals
- SPVs are seen outsourcing the supervision to third parties having very poor competency.
- This tendency had resulted in the compromise in the quality of projects.

Several SPVs were reported to be working with lower number of technical staff required as per approved DPR. All SPVs were intimated about this gap and instructed to rectify this issue immediately. Subsequent to this, KIIFB discussed this matter individually with all administrative departments at Secretary level. Secretaries were apprised of the real situation in the projects assigned to various SPVs under their departments.

Further to the discussion with Secretaries of various Administrative Departments, following directions are made herewith for compliance by all SPVs:

- For all those works which are on going and to be awarded in future, Administrative
 Departments & SPVs shall ensure the deployment of technical personnel as per the
 criteria given in Annexure I.
- All projects should have minimum qualified technical field staff as per the criteria and SPV should ensure the inspection of the projects by their senior officers as per the frequency proposed thereon.
- 3. The Administrative Department should appoint one or more Nodal Officers to supervise and ensure that adequate human resources are deployed at site by the SPV. Where the Administrative Department has to incur additional expenditure for this, the same shall be reimbursed by KIIFB.
- 4. The individual declaration forms for each project, in the format as per Annexure II, shall be signed by the authorised officer of the SPV and countersigned by the Nodal Officer of the Department and be submitted along with contract file and also every month to reach KIIFB in the first fortnight of the succeeding month. A facility for this will be provided in the PFMS portal shortly.

- SPV should maintain an inspection register at site as per the format in Annexure
 III prescribed for recording the details of visits and comments of senior officers from
 SPV. This register should be available at the site at all times for inspection by KIIFB.
- 6. This shall be applicable to all SPVs & projects and be implemented with effect from 01.09.2020

Dr. K. M. Abraham CFA
Chief Executive Officer

- 1. The Additional Chief Secretary/ Principal Secretary/ Secretary, GoK
- 2. The Chief Project Examiner, Inspection Authority (Technical), KIIFB
- 3. Additional Secretary, Inspection Authority (Administration), KIIFB
- 4. Joint Fund Manager, KIIFB
- 5. The General Manager -1 & 2, (PAD), KIIFB
- 6. The stock file/ Office copy.

Forwarded/ By Order

Senior Project Examiner

ANNEXURE I

			研究學 油 原料 图:	KERALA INFRAST	RUCTURE INVESTME	ENT FUND BOARD		想為世界	Park Waller				
	# 27 (A) (B)	PEOL	IDEMENT OF T	FCHNICAL PER	SONNELS IN PR	OJECTS BASED	ON PROJECT CO	ST					
Project type	Project Cost	Junior Engineer/Site Engineer (Civil)	Junior Engineer/Site Engineer (MEP)	Quality/Safety Engineer	Asst Engineer/ Project Engineer (Civil)	Asst.Engineer/ Project Engineer (MEP)	Asst. Exe,Engg/ Asst.Project Manager/Project Coordinator	Exe,Engg/ Project Manager	Chief Engg/Project Director				
Type 1	Upto 20 Cr	1 No - All working days	1 No - All working days after the commencement of MEP works	As per QAQC & Safety plan of the work	1 No- On all alternate working days	1 No- On all alternate working days after the commencement of MEP works	Once in two weeks	Once in a month	Once in three months				
Type 2	Above 20 Cr and upto 50 Cr	1 No- All working days	1 No - All working days after the commencement of MEP works	As per QAQC & Safety plan of the work	1 No- All working days	1 No- All working days after the commencement of MEP works	Once in two weeks	Once in two weeks	Once in three months				
Type 3	Above 50 Cr and upto 100 Cr	1 No - All working days	1 No - All working days after the commencement of MEP works	As per QAQC & Safety plan of the work	1 No- All working days	1 No- All working days after the commencement of MEP works	Once in a week	Once in a week	Once in two months				
Type 4	>100 Cr	2 No- All working days	1 No - All working days after the commencement of MEP works	As per QAQC & Safety plan of the work	2 Nos- All working days	1 No- All working days after the commencement of MEP works	Twice in a week	Once in a week	Once in a month				
Qualification		· · · · · · · · · · · · · · · · · · ·		Diploma/BTech/ D		Diploma, Director - P		Diploma/BTech/ BE	BTech/BE/MTech /ME	BTech/BE/MTech/ ME	BTech/BE/MTech /ME	BTech/BE/MTech /ME	BTech/BE/MTech /ME
Experience in years		Minimum 5 years for diploma holders and 3 years for degree holders	years for diploma holders	Minimum 5 years for diploma holders and 3 years for degree holders	Minimum 5 years in the specific field	Minimum 5 years in the specific field	Minimum 7 years in the specific field	Minimum 10 years in the specific field	Minimum 20 years in the specific field				

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KITCO

Technical Personnel Deployment at Project Sites

Project Code	SYA001-02
Project Name	I.M. Vijayan Indoor Stadium and Sports Complex at Thrissur (Laloor)
Name of Contractor	South Indian Constructions Pvt Ltd, Kollam
Accepted PAC	46.39Cr
Due date of Start	05-03-2019
Due date of completion	03-03-2021
Actual/Expected date of completion	15-02-2021
Delay in the project	(20 Table)

		D	ETAIL	S ON SITE TECHNICA	L PERS	JNNEL			
I	Details of officials as in C	PR	W	ínimum requirement asse e	Contract of the Contract of th	(IIFB based on project v	alue and good		
SL No	Category/Designation	tegory/Designation Nos		Category/Designation Nos		Category/Designation	Nos	Qualification & Minimum years of experience required	Frequency of visit to site /presence at site
1	Project Leader	1 No	1	Chief Engineer/Project Director	1 No	BTech/BE/MTech/ME with More than 20 years in the specific field	Once in three months		
2	Project Coordinator	1 No	2	Executive Engineer/Project Manager	1 No	BTech/BE/MTech/ME with More than 10 years in the specific field	Once in two weeks		
3	Project Engineer (Civil)	1 No	3	Assistant Executive Engineer /Assistant Project Manager/Project Coordinator	1 No	BTech/BE/MTech/ME with More than 7 years in the specific field	Once in two weeks		
4	Project Engineer (Electrical)	1 No	4	Assistant Engineer/Project Engineer (Civil)	1 No	BTech/BE/MTech/ME with More than 5 years in the specific field	All working days		
5	Project Engineer (Mechanical)	1 No	5	Assistant Engineer /Project Engineer (MEP)	1 No	BTech/BE/MTech/ME with More than 5 years in the specific field	All working days after the commencement of MEP works		
6	Quality / Safety Engineer	1 No	6	Quality/Safety Engineer	1 No	BTech/BE with More than 3 years or Diploma with 5 years	As per QAQC & Safety plan of the work		



			T	15:10	1 No	BTech/BE with More than 3 years or	All working days
7	Draftsman	tsman 1 No		Junior Engineer/Site Engineer (Civil)		Diploma with 5 years BTech/BE with More	All working days after the
			8	Junior Engineer/Site Engineer (MEP)	1 No	than 3 years or Diploma with 5 years	the same that the same that the same the same the same that the same tha

Remarks: Safety, Quality, Technical Works, Project Management, Progress Monitoring etc shall be co-ordinated and controlled by PMU of SPV and an organisational structure of same for supporting the minimum field staff requirement as above shall be submitted to KIIFB in due course

DECLARATION

This is to confirm that the deployment of technical personnel in the project site of above work assigned to M/s KITCO is as per the provisions of approved DPR / minimum requirement work assigned to M/s KITCO is as per the provisions of approved DPR / minimum requirement proposed and as shown in the table above. In issuing this declaration, I solemnly affirm that I am aware that, if any deviations on deployment of technical staff are observed during I am aware that, if any deviations on deployment of technical personnel have in fact not inspections conducted by KIIFB or at any stage that the required personnel have in fact not been deployed as above, the same will result in action against the SPV according to the provisions of tri-patriate agreement including deduction of centage charges equivalent to provisions of tri-patriate agreement including deduction of centage charges equivalent to the assessed salary of technical personnel absent during a particular period as noticed and the assessed salary of technical personnel absent during a particular period as noticed and reported by Inspection Authority (Technical) of KIIFB.

ported by Inspection Authority (Technical) of the	Signed by:
ountersigned by:	
	AUTHORISED OFFICER FOR SP
NODAL OFFICER FOR THE PROJECT	AUTHORISED OFFICER TOTAL
Principal Secretary to Government Department of Sports & Youth Affairs	
Department of Sports & Tourn	



INSPECTION REGISTER FOR SENIOR OFFICERS OF SPVs

1	Name of the SPV	KITCO
2	Name of the work	I.M. Vijayan Indoor Stadium and Sports Complex at Thrissur (Laloor)
3	Name of the agency/contractor	South Indian Constructions Pvt Ltd, Kollam
4	Contract Value	46.39 Cr
5	Due date of start	05-03-2019
6	Period of completion	24 months
7	Due date of completion	03-03-2021
8	Extended date of completion if any	

Certified that this register contains pages 1 to 92 (One to Ninety Two) serially machine numbered .

SIGNATURE OF PROJECT MANAGER / EXECUTIVE ENGINEER

Sl.no	Name of the officials visited the site	Designation	Date of visit	Duration (from: to)	Instructions/Directions given (Add separate sheet and file it , if necessary)	Name of other officials of SPV present during the visit	Signature of the officials visited the site	Remarks
1								
2								
3								
4	V	and the second s			All the second s			
5			,					



PROCEEDINGS OF THE CHIEF EXECUTIVE OFFICER, KERALA INFRASTRUCTURE INVESTMENT FUND BOARD, THIRUVANANTHAPURAM

(Present: Dr.K.M.Abraham, CFA)

ORDER NO: IA-9/348/2019/KIIFB Dated 09.06.2021

Sub:- Human resource requirement at site as per the criteria of technical personnel for KIIFB funded projects -amendments - reg

Read:- 1) Letter no. IA-9/348/2019/KIIFB dated 02.04.2020

- 2) Letter no. IA-9/348/2019/KIIFB dated 16.06.2020
- 3) Order no. IA-9/348/2019/KIIFB dated 12.08.2020

ORDER

As per the proceedings vide reference cited 3 above, KIIFB had given directions to Administrative Departments & SPVs to ensure minimum qualified technical field staff as per the criteria for all those works which are ongoing and to be awarded in future.

Further to the request from various SPVs, following amendments are made herewith for low value projects up to Rs. 5 Crores:

- 1. The required presence of Junior Engineer/ Site Engineer is modified from "all working days" to "alternate working days" and Assistant Engineer/ Project Engineer from "alternate working days" to "twice in a week".
- 2. Diploma holders in the respective field of engineering with excellent field experience of not less than 10,14 and 20 years can be deployed as Asst Engineer, Asst Executive engineer and Executive Engineer categories respectively. This is applicable only for projects having value upto 5 crores.
- 3. There is no change in the criteria of inspection of the projects by senior officers of SPV as per the frequency stipulated in the order referred at 3.
- 4. For all those works having value upto 5 crores and are ongoing / to be awarded in future, Administrative Departments & SPVs shall ensure the deployment of technical personnel as per the modified criteria given in **Annexure I** (Modified).

All other directions made through Order no. IA-9/348/2019/KIIFB dated 12.08.2020 shall remain the same for compliance by all SPVs.

Dr. K. M. Abraham CFA Chief Executive Officer

To

- 1. The Additional Chief Secretary/ Principal Secretary/ Secretary, GoK
- 2. The Chief Project Examiner, Inspection Authority, KIIFB
- 3. The Special Secretary, Inspection Authority, KIIFB
- 4. The Joint Fund Manager, KIIFB
- 5. The General Manager (Project Appraisal), KIIFB

The Stock file/ Office Copy

Forwarded /By Order

Senior Project Examiner Inspection Authority (Technical)

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		RI	EQUIREMENT OF TE	CHNICAL PERSO	NNELS IN PRO-	JEC 12 BASED ON FI			
Project type	Project Cost	Junior Engineerl Site Engineer (Civil)	Junior Engineer/Site Engineer (MEP)	Quality/Safety Engineer	Asst.Engineer/ Project Engineer (Civil)	Asst.Engineer/ Project Engineer , (MEP)	Asst. Exe.Engg/ Asst.Project Manager/Project Coordinator	Exe.Engg/ Project Manager	Chief Engg/Project Director
	Upto 20 Cr (As per the original)	1 No - All working days	1 No - All working days after the commencement of MEP works	As per QAQC & Safety plan of the work	1 No- On all alternate working days	1 No- On all alternate working days after the commencement of MEP works	Once in two weeks	Once in a month	Once in three months
Type t	Upto 5 Cr (As per the amendment)	1 No- On all alternate working days	1 No -On all alternate working days after the commencement of MEP works	As per QAQC & Safety plan of the work	Twice in a week	Twice in a week after the commencement of MEP works	Once in two weeks	Once in a month	Once in three months

There is no change in other category of projects

SREFKUMAR K. J.
Semor Project Examiner
Inspection Authority (Technical)
KHFB, Goot, of Kernla

PROCEEDINGS OF THE CHIEF EXECUTIVE OFFICER, KERALA INFRASTRUCTURE INVESTMENT FUND BOARD, THIRUVANANTHAPURAM

(Present: Dr.K.M.Abraham, CFA)

ORDER NO: IA9/348/2019/KIIFB dated. 29/03/2021

Sub: Centage deduction for non-availability of technical personnel at site as per the criteria for KIIFB funded projects - reg

Ref: 1) Order no. IA-9/348/2019/KIIFB dated 12.08.2020

ORDER

As per the practices followed for KIIFB projects, the responsibility of identifying an agency, qualified under the KIIFB Act, rests solely with the concerned Department. During the periodic performance evaluation of SPVs, it was observed that non-availability of regular and qualified technical personnel in projects as per DPR is a critical factor affecting the quality and progress of work.

KIIFB has formulated the criteria for technical staff requirement (Annexure I) based on the project value by adopting the principles of best engineering practices and referring to the requirements stipulated by various governmental departments. Direction was issued by CEO, KIIFB to all Administrative Departments & SPVs vide order no. IA9/348/2019/KIIFB dated. 12.08.2020 to ensure the deployment of technical personnel as per the criteria given by KIIFB with effect from 01.09.2020.

During site inspections by Inspection Authority, it was noticed that some of the projects do not have minimum qualified technical field staff and the senior officers of SPVs are not inspecting their projects as per the frequency proposed by KIIFB. This has resulted in serious quality and progress related issues in various stages of the projects.

In order to ensure the compliance of stipulations in the guidelines issued vide above mentioned proceedings, KIIFB has formulated a provision for appropriate deduction from centage charges for non-deployment of required technical personnel in KIIFB funded projects. The centage deduction amount for non-deployment of required technical personnel will be calculated using the formula approved by KIIF Board with the inputs from officials of Inspection authority. A sample calculation sheet is attached along with this order for reference.

The centage reduction provision for noncompliance of the directions in order no. IA9/348/2019/KIIFB dated. 12.08.2020 shall be applicable to all SPVs with **effect from** 01.09.2020.

It may also be noted that the implementation of the centage reduction proposal will not prevent the Inspection Authority from taking other corrective actions on any supervisory lapses on account of non-availability of technical manpower.

Dr. K. M. Abraham CFA
Chief Executive Officer

- 1. The Additional Chief Secretary/ Principal Secretary/ Secretary
- 2. The Chief Project Examiner, Inspection Authority, KIIFB
- 3. Special Secretary, Inspection Authority
- 4. Joint Fund Manager, KIIFB
- 5. The General Manager (Project Appraisal), KIIFB
- 6. The stock file/Office copy.

Forwarded/ By Order

Senior Project Examiner

ANNEXURE I

	540 Se		source (March 1975)	KERALA INFRAS	TRUCTURE INVESTA	MENT FUND BOARD			
		REQI	JIREMENT OF	***************************************		The state of the s	ON PROJECT CO	OST	
Project type	Project Cost	Junior Engineer/Site Engineer (Civil)	Junior Engineer/Site Engineer (MEP)	Quality/Safety Engineer	Asst.Engineer/ Project Engineer (Civil)	Asst.Engineer/ Project Engineer (MEP)	Asst. Exe. Engg/ Asst. Project Manager/Project Coordinator	Exe.Engg/ Project Manager	Chief Engg/Project Director
Type 1	Upto 20 Cr	1 No - All working days	1 No - All working days after the commencement of MEP works	As per QÂQC & Safety plan of the work	1 No- On all alternate working days	1 No- On all alternate working days after the commencement of MEP works	Once in two weeks	Once in a month	Once in three months
Type 2	Above 20 Cr and upto 50 Cr	1 No- All working days	1 No - All working days after the commencement of MEP works	As per QAQC & Safety plan of the work	1 No- All working days	1 No- All working days after the commencement of MEP works	Once in two weeks	Once in two weeks	Once in three months
Type 3	Above 50 Cr and upto 100 Cr	1 No - All working days	1 No - All working days after the commencement of MEP works	As per QAQC & Safety plan of the work	1 No- All working days	1 No- All working days after the commencement of MEP works	Once in a week	Once in a week	Once in two months
Type 4	>100 Cr	2 No- All working days	1 No - All working days after the commencement of MEP works	As per QAQC & Safety plan of the work	2 Nos- All working days	1 No- All working days after the commencement of MEP works	Twice in a week	Once in a week	Once in a month
Quali	fication	Diploma/BTech/ BE	Diploma/BTech/ BE	Diploma/BTech/ BE	BTech/BE/MTech /ME	BTech/BE/MTech/ ME	BTech/BE/MTech /ME	BTech/BE/MTech /ME	BTech/BE/MTech /ME
Experien	ice in years	Minimum 5 years for diploma holders and 3 years for degree holders	Minimum 5 years for diploma holders and 3 years for degree holders	Minimum 5 years for diploma holders and 3 years for degree holders	Minimum 5 years in the specific field	Minimum 5 years in the specific field	Minimum 7 years in the specific field	Minimum 10 years in the specific field	Minimum 20 years in the specific field

-

Centage deduction Calculation Sheet for Lessthan 20Cr works (SAMPLE)

Duration of project in days

270

Number of days elapsed as on date of inspection

275

Percentage factor

101.85%

Project Cost (Contract value)

19,50,00,000

Centage percentage

3.5%

Total centage charge

68,25,000

Total centage charge used for Technical personnel

20,47,500

Technical Staff/Officer	Criteria	Weightage out of 100	Required presence in days as per criteria	Actually present (in days)	Required presence in days limited to	Centage % to be deducted	Centage amount to be deducted	Remarks
lunior Engineer/ Site Engineer Civil)	All working days	25	275	275	270	0.00%	0	
lunior Engineer/ Site Engineer MEP)	All working days after the commencement of MEP works	15	165	165	162	0.00%	0	
Quality/ Safety Engineer	As per QAQC & Safety plan of the work	, 10	275	275	270	0.00%	0	
Asst.Engineer/ Project Engineer (Civil)	On all alternate working days	20	138	138	135	0.00%	0	
Asst.Engineer/ Project Engineer (MEP)	On all alternate working days after the commencement of MEP works	10	83	83	81	0.00%	0	
Asst. Exe.Engg/ Asst.Project Manager/ Project Coordinator	Once in two weeks	10	20	9	19	5.79%	1,18,539	Visited once in a month
Exe.Engg/ Project Manager	Once in a month	5	9	1	9	4.44%		Visited only once
Chief Engg/ Project Director	Once in three months	5	3	1	3	3.33%	68,250	Visited only once
70	otal	100				13.57%	2,77,789	

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Centage deduction Calculation Sheet for Above 20 Cr and upto 50 Cr works (SAMPLE)

Duration of project in days

365

Number of days elapsed as on date of inspection

Percentage factor

17.81%

Project Cost (Contract value) 35,00,00,000

Centage percentage

3.50%

Total centage charge

1,22,50,000

Total centage charge used for Technical personnel

36,75,000

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Technical Staff/Officer	Criteria	Weightage out of 100	Required presence in days as per criteria	Actually present (in days)	Required presence in days limited to	Centage % to be deducted	Centage amount to be deducted	Remarks
Junior Engineer/ Site Engineer (Civil)	All working days	15	65	5	65	13.85%	5,08,846	Absent - 2 months
	All working days after the commencement of MEP	10	39	39	39	0.00%	0	alger in the first of the state
a - "/ / O - S-4 - E-mainant	works As per QAQC & Safety plan of the work	15	65	65	65	0.00%	0	O
Asst.Engineer/ Project Engineer (Civil)	All working days	25	65	5	65	23.08%	8,48,077	Absent- 2 month
Asst.Engineer/ Project Engineer (MEP)	All working days after the commencement of MEP works	10	39	39	39	0.00%	0	
Asst. Exe.Engg/ Asst.Project Manager/ Project		15	5	2	5	9.00%	3,30,750	Visited once in a month
Coordinator	Once in two weeks	5	5	2	5	3.00%	1,10,250	Visited once in a month
Exe.Engg/ Project Manager		5	1	1	1	0.00%	0	
Chief Engg/ Project Director To		100	4			48.92%	17,97,923	

Centage deduction Calculation Sheet for Above 50 Cr and upto 100 Cr works (SAMPLE)

Duration of project in days

Number of days elapsed as on date of inspection

450 300

Percentage factor

66.67%

Project Cost (Contract

85,00,00,000

value)

Centage percentage

3.5%

Total centage charge

2,97,50,000

Total centage charge used for Technical personnel

89,25,000

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deployment @30%

Required Required Actually Centage % to be Centage amount presence in Weightage out of presence in Remarks present (in Technical Staff/Officer Criteria to be deducted days limited deducted days as per 100 days) to criteria 2,14,200 Absent - 48 days Junior Engineer/ Site 2.40% 300 252 15 300 All working days Engineer (Civil) All working days after the Junior Engineer/ Site 0.00% 180 180 180 commencement of MEP 10 Engineer (MEP) works As per QAQC & Safety plan 0.00% 300 15 300 300 Quality/ Safety Engineer of the work 4,46,250 Absent- 2 months Asst.Engineer/ Project 5.00% 300 240 25 300 All working days Engineer (Civil) All working days after the Asst.Engineer/ Project 180 0.00% 180 180 10 commencement of MEP Engineer (MEP) works Visited once in 2 Asst. Exe. Engg/ 6,53,808 7.33% 22 43 43 15 Once in a week weeks Asst.Project Manager/ Project Coordinator 4,46,250 Not visited the site 5.00% 0 43 43 5 Exe.Engg/ Project Manager Once in a week 3,57,000 Visited only once 5 4.00% 5 5 Chief Engg/ Project Director Once in two months 21,17,508 23.73% 100 Total

Centage deduction Calculation Sheet for greaterthan 100 Cr works (SAMPLE)

Duration of project in days 540

Number of days elapsed as on date of inspection

Percentage factor

55.56%

Project Cost (Contract

1,00,00,00,000

value)

Centage percentage

3.5%

Total centage charge

3,50,00,000

Total centage charge used

for Technical personnel

1,05,00,000

deployment @30%

Technical Staff/Officer	Criteria	Weightage out of 100	Required presence in days as per criteria	Actually present (in days)	Required presence in days limited to	Centage % to be deducted	Centage amount to be deducted	Remarks
Junior Engineer/ Site Engineer (Civil)	2 Nos- All working days	15	600	540	600	1.50%	1,57,500	Absent - 2 months
Juníor Engineer/ Site Engineer (MEP)	All working days after the commencement of MEP works	10	180	170	180	0.56%	58,333	Absent - 10 days
Quality/ Safety Engineer	As per QAQC & Safety plan of the work	15	300	300	300	0.00%	0	
Asst.Engineer/ Project Engineer (Civil)	2 Nos- All working days	25	600	570	600	1.25%	1,31,250	Absent - 1 month
Asst.Engineer/ Project Engineer (MEP)	All working days after the commencement of MEP works	10	180	160	180	1.11%	1,16,667	Absent - 20 days
Asst. Exe.Engg/ Asst.Project Manager/ Project Coordinator	Twice in a week	15	43	22	43	7.33%	7,69,186	Visited once in a week
Exe.Engg/ Project Manager	Once in a week	5	43	10	43	3.84%	4,02,907	Visited once in a month
Chief Engg/ Project Director	Once in a month	5	10	124 25 1 2	10	4.50%	4,72,500	Visited only once
Total		100				20.08%	21,08,343	

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