License cost for software package LIRA 10.14 modules

LIRA 10.14	Configuration				Cost of modules
	MINI[5] (5000 nodes or elem.)	BASE	PROFF	FULL	
Basic configuration: - graphical user interface; - linear static analysis; - dynamic analysis by eigenfrequencies expansion method(accelerogram, seismic by normative documents (38 modules)[1], harmonic, impulse, impact, wind pulsation); - calculation of design combinations of forces (DCF); - calculation of design combinations of loads (DCL); - calculation of loads on fragment of the structure (FRAGMENT); - strength of cross section test (LITERA); - cross section designer (CSD); - condensation of masses (mass redistribution into defined nodes of the design model); - floor nodal reaction spectrums; - editable rolled steel database; - editable materials database (concrete, reinforcement, rolled steel, wood); - documentation system; - application programming interface(LiraAPI); - Revit Structure→LIRA 10→Revit Structure; - AutoCad→LIRA 10 →AutoCad; - Tekla Structure→LIRA 10 →Tekla Structure; -Advance Steel →LIRA 10 →Advance Steel; -Renga →LIRA 10; - integration with graphic and calculation systems based on formats: *.msh; *.stl; *.obj; *.mesh; *.off; *.poly; *.dxf; *.igs; *.3ds; *.neu; *.byu; *.ifc; *.vol; *.sli, *.sdnf; -integration with documentation systems based on formats: *.docx; *.xlsx; *.csv; *.pptx; *.html; *.bmp; *.gif; *.png; *.jpeg; *.tiff; *.avi; **Application Utilities:** - seismogram by accelerogram; - accelerogram by seismogram; - unit converter; - scientific calculator; - interpolation of data; - calculation of pile's stiffness; - calculation of coefficients of subgrade reaction; - wall thickness of glaze ice; - local calculation of reinforced concrete bar; - local calculation of reinforced concrete plate; - columns' effective length - calculation of steel deck	✓	✓	✓	✓	60 000[4]
Stability: - calculation of safety factors and buckling modes of the structure.	✓	✓	✓	✓	7 500
Design system of reinforced concrete structures (RCS): - check and reinforcement proportioning for RC elements; - check and reinforcement proportioning for pipe-concrete	✓	✓	✓	✓	18 000

Feature	C1	C2	C3	C4	Price
elements; - surface of bearing capacity; - punching of reinforced concrete slabs.					
Design system for steel structures (SS): -check and cross section proportioning of steel elements; - calculation logging.	✓	✓	✓	✓	13 500
Wood	✓	✓	✓	✓	6 000
Soil: - determination of natural foundation stiffness; - determination of pile foundation stiffness.		✓	✓	✓	24 000
Physical and design nonlinearity			✓	✓	18 000
Geometrical nonlinearity			✓	✓	18 000
Assemblage: - linear; - nonlinear (elements of physical, constructive and geometric nonlinearity); - direct dynamic analysis[2] of the assembled structure.			✓	✓	15 000
Variation of models: - unification of DCF problem package; - formation of DCF and DCL by downloads of problem package.			✓	✓	9 000
Direct dynamic analysis (Dynamics+) for action of accelerograms, seismograms and other dynamic loads for problems: - linear; - physically and constructively nonlinear; - geometrically nonlinear.				✓	15 000
Bridge: - influence surfaces; - rolling by the axes of the wheels; - calculation of multistage schemes.				✓	12 000
PushoverAnalysis (nonlinear quasi-static analysis of dynamic problems) [3]: - by single-component accelerogram; - DBN V.1.1-12:2014; - STO NIU MGSU 2015; - EN 1998-1:2004.				✓	12 000
Temperature field analysis: - stationary and non-stationary[2] thermal conductivity problems (calculation of temperature distribution across structure); - considering of the obtained temperature field in the stress-strain state				✓	12 000
Cross section calculation: - determination of elastic and geometric properties, plastic, torsion, shear, mass-inertial and stiffness characteristics.				✓	12 000
Filtration[3]: - filtration modeling in water-saturated soil with calculation of distribution of fluid velocity and pressure; - depression curve construction; - considering of the obtained pore pressure in stress-strain state.				✓	6 000

		45 000[5]	129 000	189 000	258 000	

[1]Implemented standards: SP 14.13330.2018 (with changes from №1), DBNV.1.1-12:2014 (with changes from 01.05.2019), SPRK 2.03-30-2017, SN i PKR20-02:2018, EN 1998-1:2004, IBC-2012:ASCE 7-10, KMK 2.01.03-96 (with changes from 01.04.2004), SNRA II-6.02-2006, TGN 2.01.08-2020, AzDTN 2.3-1-2010 (with changes from 01.01.2014), PN 01.01-09, SP 267.1325800.2016, SP 268.1325800.2016, GNiPRT 22-07-2015, IS 1893 (Part 1):2002[2007], SI 413 Am.3 from 12.2013 etc.

[2]Upon the availability of Dynamics+ module

[3]Upon the availability of Physical nonlinearity module

[4]Upon purchase of separate systems highlighted item is mandatory

[5]Additional modules are not added to the **MINI** configuration

Table 2. Discount system (when 2 or more licenses are acquired simultaneously)

Number of simultaneously acquired licenses	MINI	BASE	PROFF	FULL	
2-3 licenses (20% discount from cost)	36 000	103 200	151 200	206 400	
4-5 licenses (30% discount from cost)	31 500	90 300	132 300	180 600	
From 5 licenses and more	By agreement				

Table 3. Cost of upgrade from previous versions

Version / Configuration	MINI	BASE	PROFF	FULL	Custom Optional configuration
LIRA 10.12	4 500	12 900	18 900	25 800	10%
LIRA 10.8 - 10.10	9 000	25 800	37 800	51 600	20%
LIRA 10.x - 10.6	18 000	51 600	75 600	103 200	40%

Table 4. Special offers

Configuration name	BASE	PROFF	FULL
Unlimited license	129 000	189 000	258 000
Annual license	45 150	66 150	90 300
License to use for 30 days	10 750	15 750	21 500
LIRA 10.14 FULL for IHE	*cooperation agreement*		